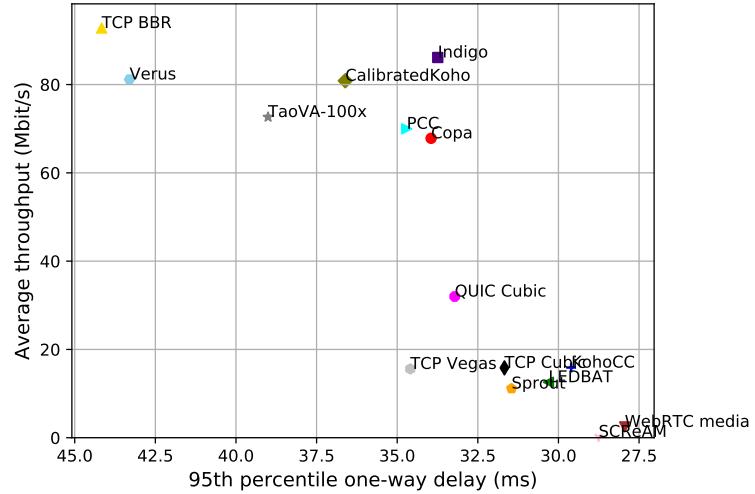


## Pantheon Report

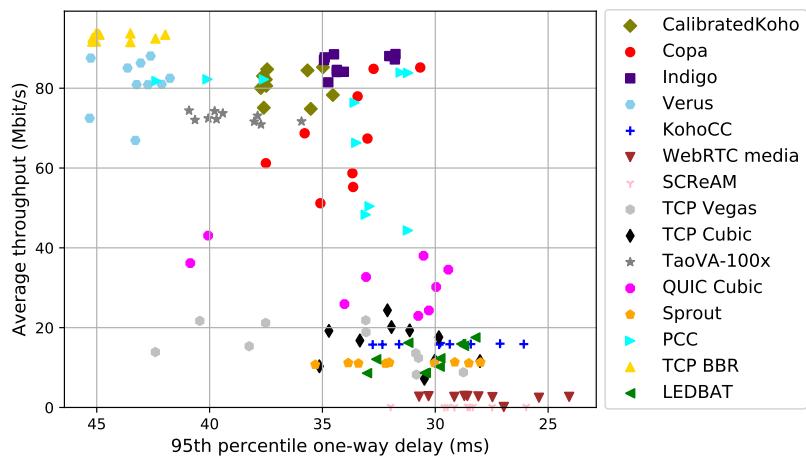
Generated at 2017-09-18 05:27:48 (UTC).  
Data path: Mexico Ethernet (*remote*) → AWS California 2 Ethernet (*local*).  
Repeated the test of 15 congestion control schemes 10 times.  
Each test lasted for 30 seconds running 1 flow.  
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).  
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo\_fast**).  
NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

Git summary:  
branch: master @ 57453dc11f8da93a2e03eea75289fea01b816298  
third\_party/calibrated\_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50  
M datagrump/sender.cc  
third\_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366  
third\_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55  
third\_party/koho\_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681  
M datagrump/sender.cc  
third\_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf  
third\_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4  
third\_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1  
M receiver/src/buffer.h  
M receiver/src/core.cpp  
M sender/src/buffer.h  
M sender/src/core.cpp  
third\_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42  
third\_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885  
third\_party/sourdough @ f1a14bffe749737437f61b1eaeeb30b267cde681  
third\_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce  
M src/examples/cellsim.cc  
M src/examples/sproutbt2.cc  
M src/network/sproutconn.cc  
third\_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494  
M src/verus.hpp  
M tools/plot.py  
third\_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42

test from Mexico Ethernet to AWS California 2 Ethernet, 10 runs of 30s each per scheme  
(mean of all runs by scheme)



test from Mexico Ethernet to AWS California 2 Ethernet, 10 runs of 30s each per scheme



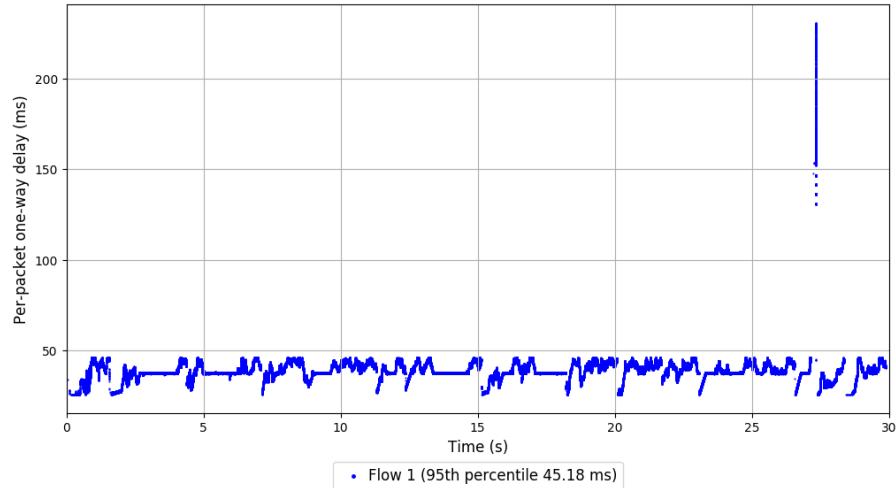
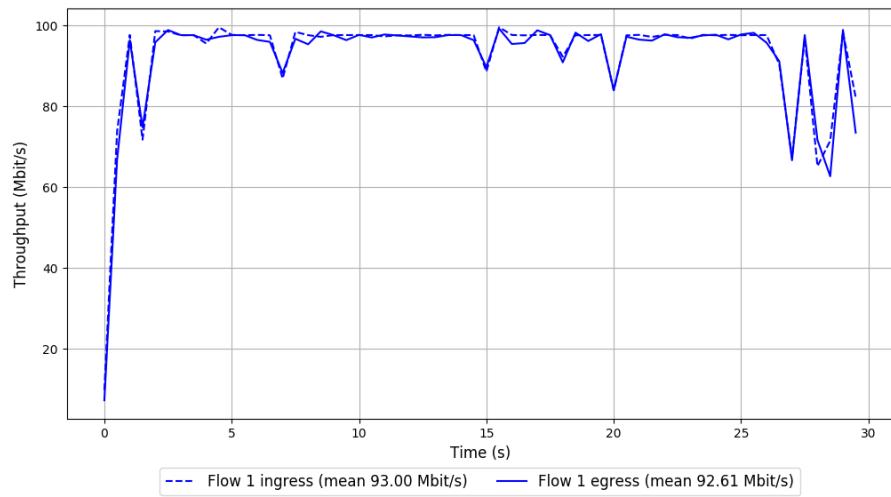
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	92.80	44.16	0.72
CalibratedKoho	10	80.86	36.61	0.60
Copa	9	67.82	33.95	0.63
TCP Cubic	10	15.82	31.67	0.45
Indigo	10	86.13	33.74	0.60
KohoCC	10	15.89	29.61	0.44
LEDBAT	10	12.57	30.31	0.52
PCC	10	69.97	34.71	0.73
QUIC Cubic	9	31.98	33.22	0.51
SCReAM	10	0.19	28.76	0.41
Sprout	10	11.14	31.46	0.52
TaoVA-100x	10	72.65	39.00	0.74
TCP Vegas	10	15.58	34.59	0.43
Verus	10	81.16	43.30	0.76
WebRTC media	10	2.45	27.95	0.82

Run 1: Statistics of TCP BBR

```
Start at: 2017-09-17 22:30:58
End at: 2017-09-17 22:31:28
Local clock offset: -5.545 ms
Remote clock offset: -2.341 ms

# Below is generated by plot.py at 2017-09-18 05:14:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.61 Mbit/s
95th percentile per-packet one-way delay: 45.184 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 92.61 Mbit/s
95th percentile per-packet one-way delay: 45.184 ms
Loss rate: 0.69%
```

## Run 1: Report of TCP BBR — Data Link

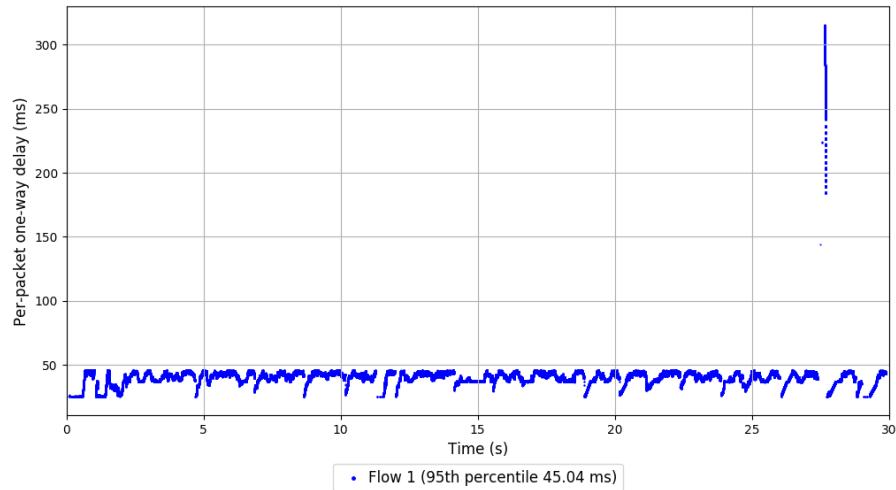
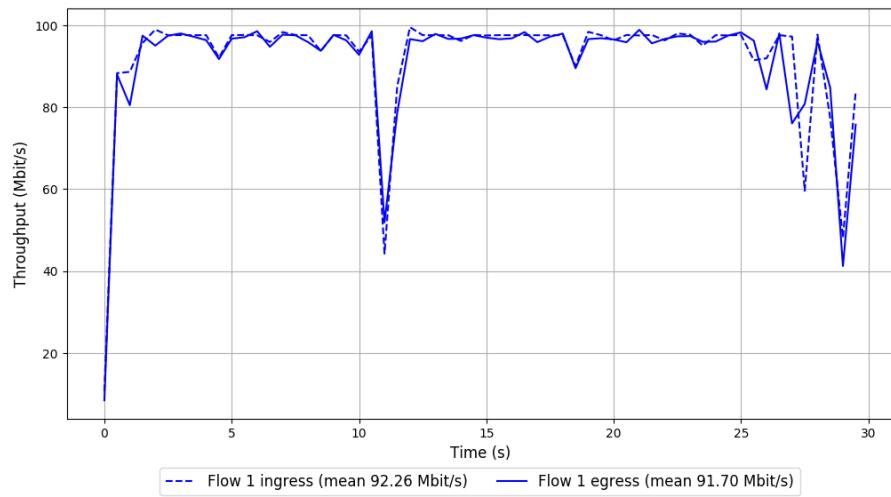


Run 2: Statistics of TCP BBR

```
Start at: 2017-09-17 22:51:47
End at: 2017-09-17 22:52:17
Local clock offset: -5.997 ms
Remote clock offset: -1.72 ms

# Below is generated by plot.py at 2017-09-18 05:14:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.70 Mbit/s
95th percentile per-packet one-way delay: 45.036 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 91.70 Mbit/s
95th percentile per-packet one-way delay: 45.036 ms
Loss rate: 0.78%
```

## Run 2: Report of TCP BBR — Data Link

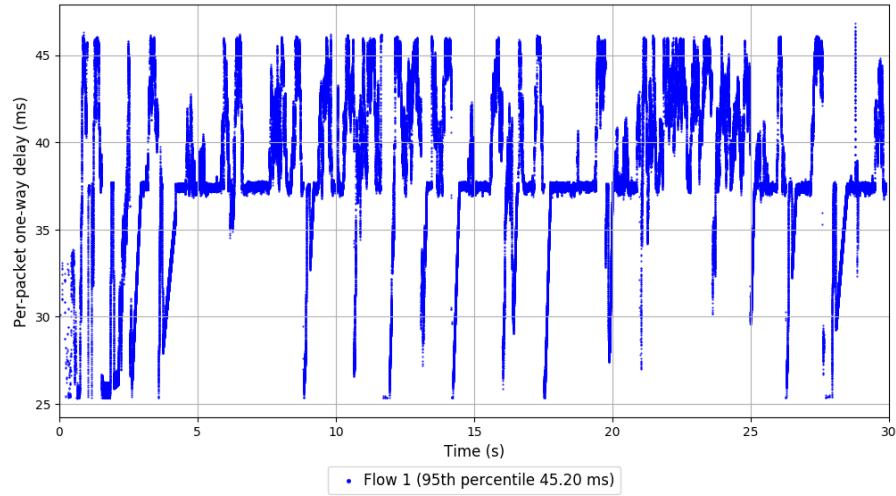
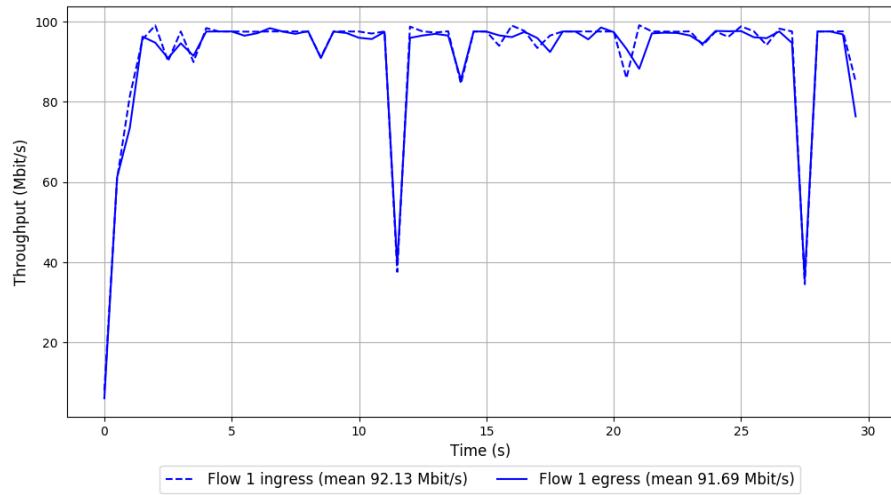


Run 3: Statistics of TCP BBR

```
Start at: 2017-09-17 23:12:05
End at: 2017-09-17 23:12:35
Local clock offset: 0.286 ms
Remote clock offset: -1.44 ms

# Below is generated by plot.py at 2017-09-18 05:14:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.69 Mbit/s
95th percentile per-packet one-way delay: 45.201 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 91.69 Mbit/s
95th percentile per-packet one-way delay: 45.201 ms
Loss rate: 0.76%
```

### Run 3: Report of TCP BBR — Data Link

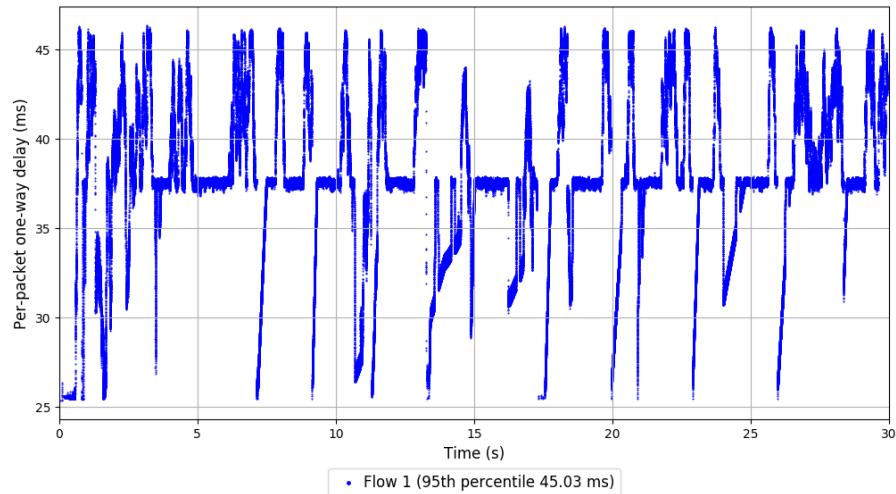
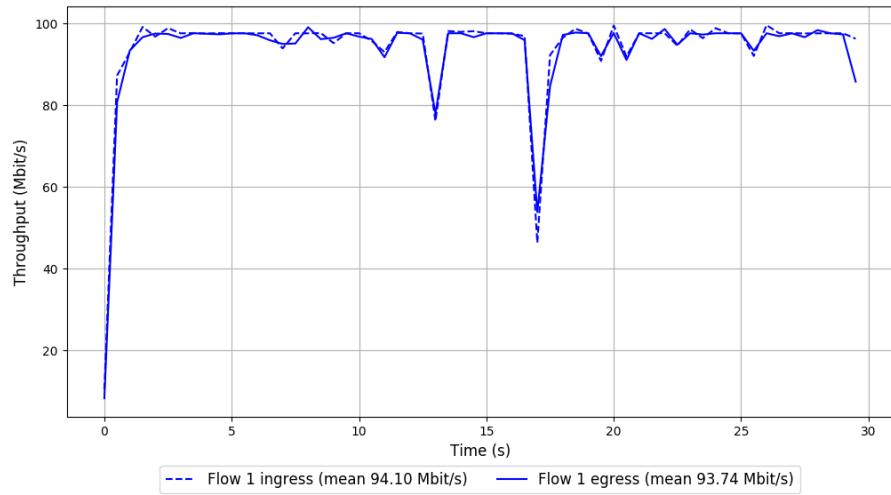


Run 4: Statistics of TCP BBR

```
Start at: 2017-09-17 23:32:55
End at: 2017-09-17 23:33:25
Local clock offset: 0.706 ms
Remote clock offset: -1.42 ms

# Below is generated by plot.py at 2017-09-18 05:14:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.74 Mbit/s
95th percentile per-packet one-way delay: 45.030 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 93.74 Mbit/s
95th percentile per-packet one-way delay: 45.030 ms
Loss rate: 0.63%
```

#### Run 4: Report of TCP BBR — Data Link

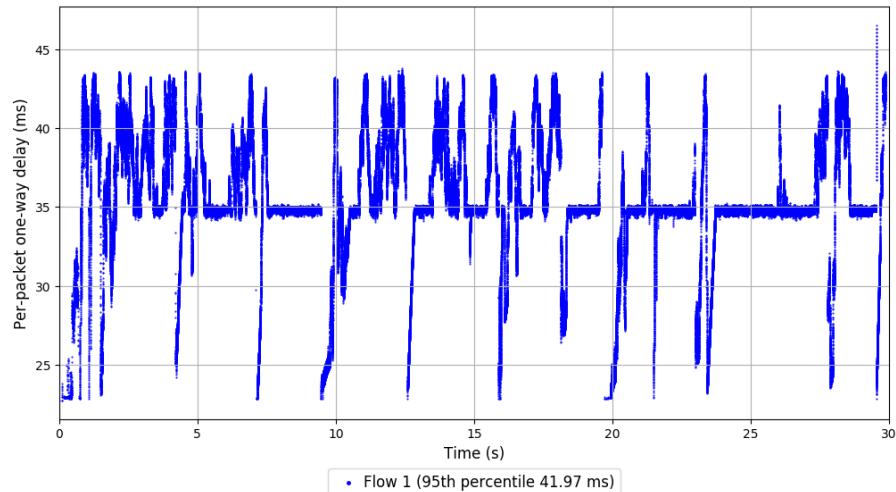
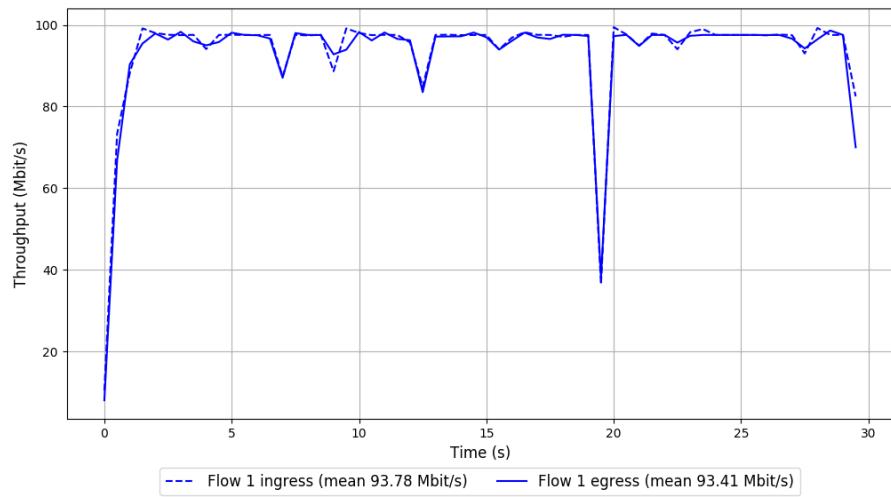


Run 5: Statistics of TCP BBR

```
Start at: 2017-09-17 23:53:37
End at: 2017-09-17 23:54:07
Local clock offset: 0.691 ms
Remote clock offset: 1.14 ms

# Below is generated by plot.py at 2017-09-18 05:14:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.41 Mbit/s
95th percentile per-packet one-way delay: 41.965 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 93.41 Mbit/s
95th percentile per-packet one-way delay: 41.965 ms
Loss rate: 0.64%
```

### Run 5: Report of TCP BBR — Data Link

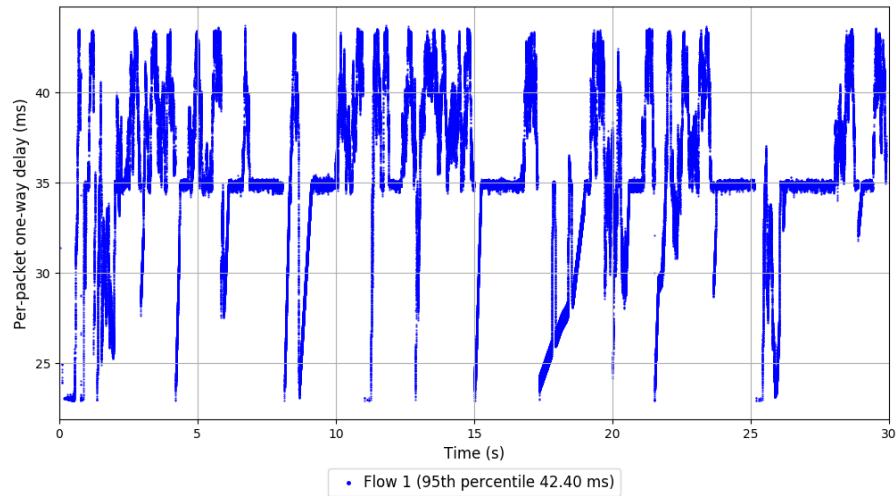
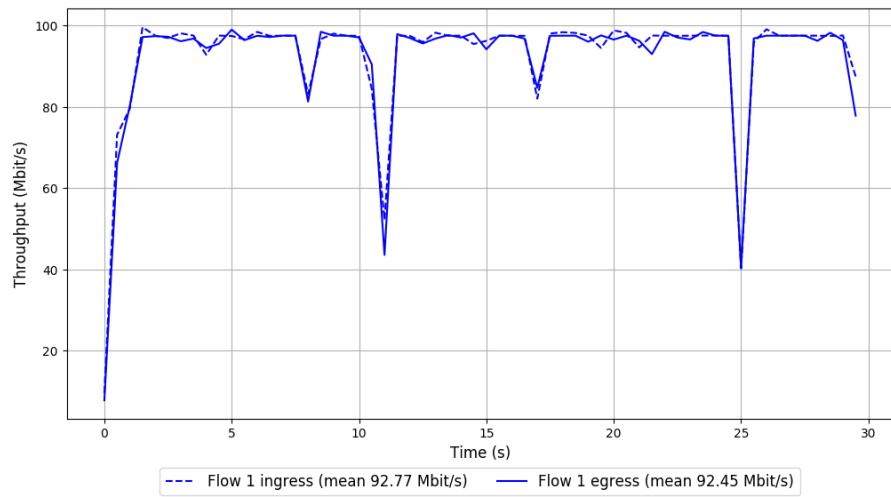


Run 6: Statistics of TCP BBR

```
Start at: 2017-09-18 00:13:57
End at: 2017-09-18 00:14:27
Local clock offset: 0.372 ms
Remote clock offset: 0.834 ms

# Below is generated by plot.py at 2017-09-18 05:14:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.45 Mbit/s
95th percentile per-packet one-way delay: 42.398 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 92.45 Mbit/s
95th percentile per-packet one-way delay: 42.398 ms
Loss rate: 0.62%
```

### Run 6: Report of TCP BBR — Data Link

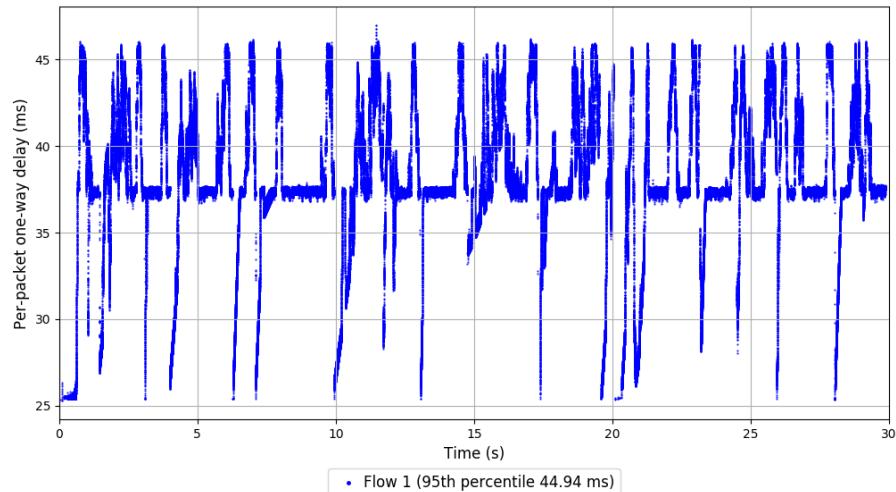
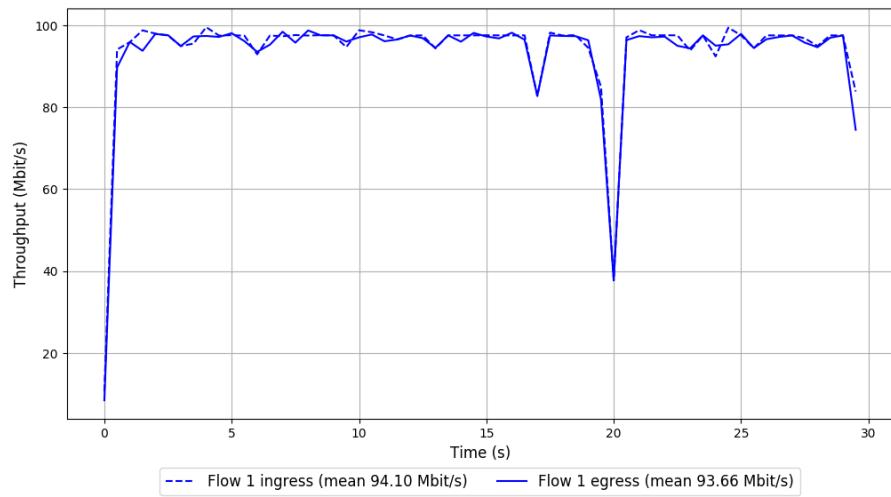


Run 7: Statistics of TCP BBR

```
Start at: 2017-09-18 00:34:17
End at: 2017-09-18 00:34:47
Local clock offset: 0.589 ms
Remote clock offset: -1.971 ms

# Below is generated by plot.py at 2017-09-18 05:14:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.66 Mbit/s
95th percentile per-packet one-way delay: 44.941 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 93.66 Mbit/s
95th percentile per-packet one-way delay: 44.941 ms
Loss rate: 0.71%
```

### Run 7: Report of TCP BBR — Data Link

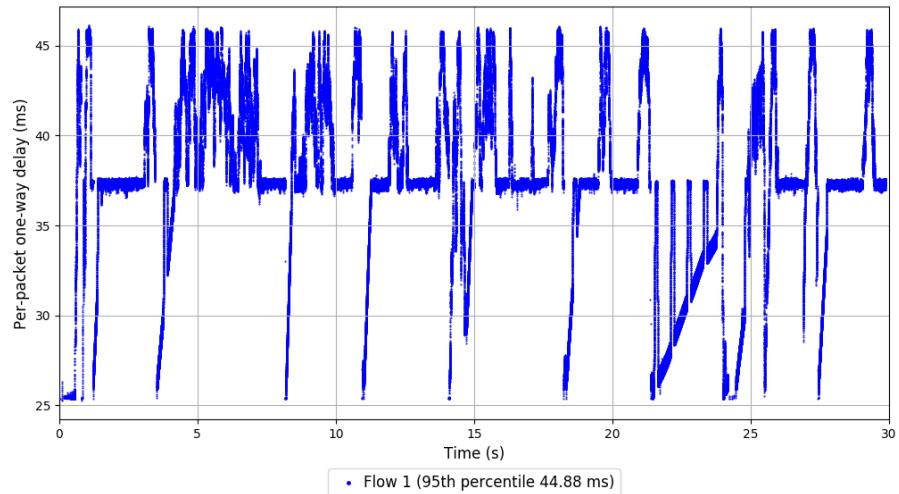
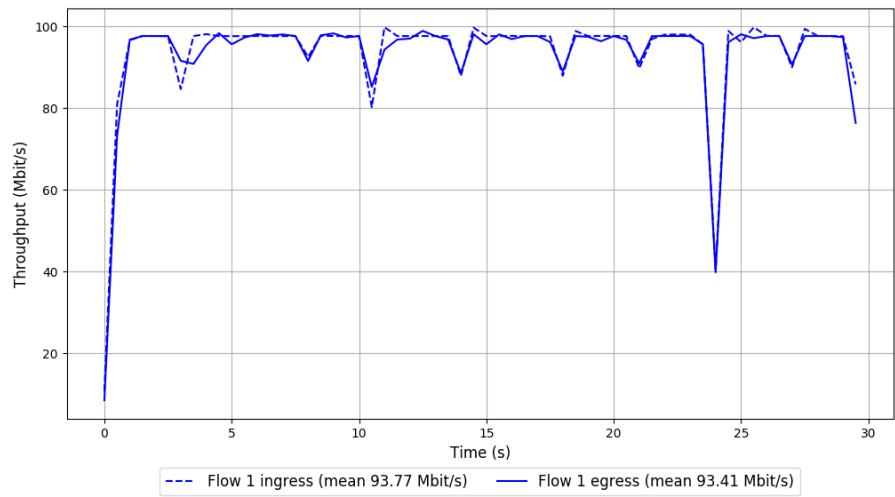


Run 8: Statistics of TCP BBR

```
Start at: 2017-09-18 00:54:40
End at: 2017-09-18 00:55:10
Local clock offset: 0.761 ms
Remote clock offset: -2.164 ms

# Below is generated by plot.py at 2017-09-18 05:14:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.41 Mbit/s
95th percentile per-packet one-way delay: 44.876 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 93.41 Mbit/s
95th percentile per-packet one-way delay: 44.876 ms
Loss rate: 0.65%
```

### Run 8: Report of TCP BBR — Data Link

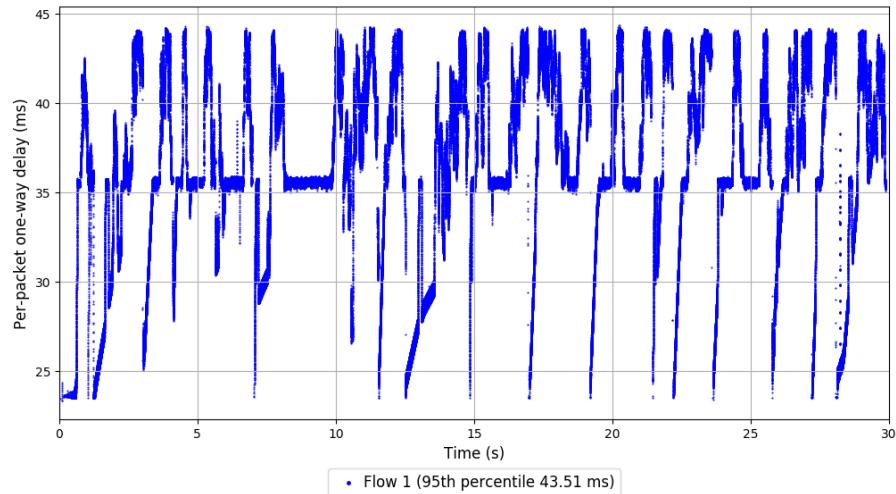
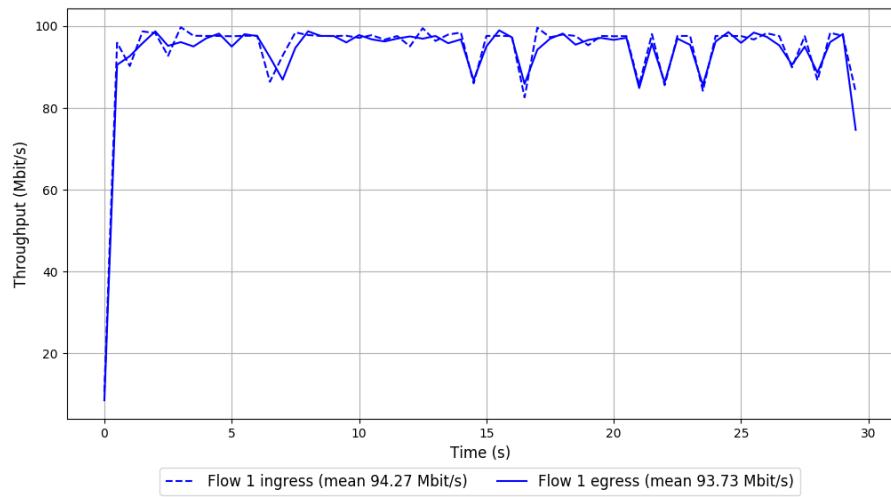


Run 9: Statistics of TCP BBR

```
Start at: 2017-09-18 01:15:30
End at: 2017-09-18 01:16:00
Local clock offset: 0.74 ms
Remote clock offset: -0.108 ms

# Below is generated by plot.py at 2017-09-18 05:16:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.73 Mbit/s
95th percentile per-packet one-way delay: 43.508 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 93.73 Mbit/s
95th percentile per-packet one-way delay: 43.508 ms
Loss rate: 0.81%
```

### Run 9: Report of TCP BBR — Data Link

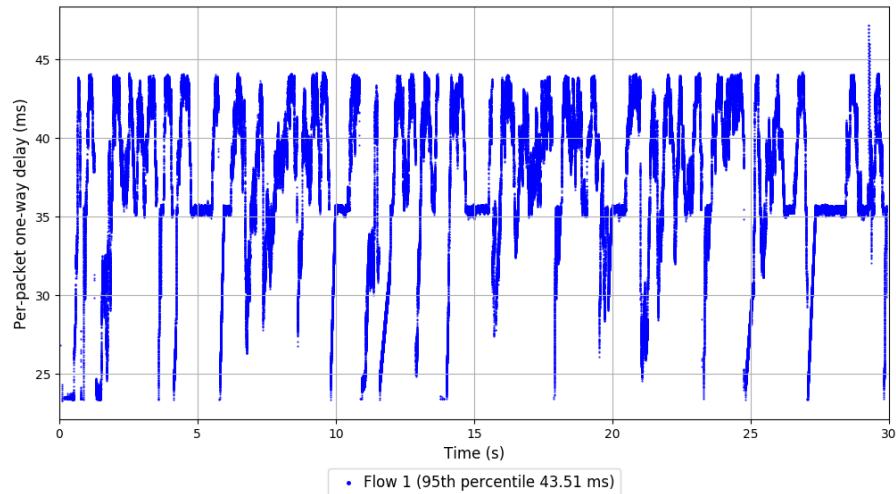
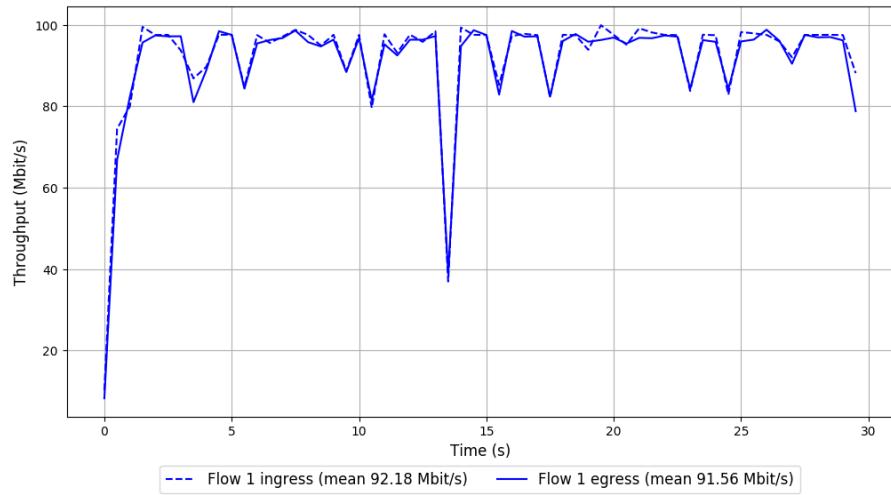


```
Run 10: Statistics of TCP BBR
```

```
Start at: 2017-09-18 01:35:43
End at: 2017-09-18 01:36:14
Local clock offset: 0.341 ms
Remote clock offset: -0.155 ms

# Below is generated by plot.py at 2017-09-18 05:16:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.56 Mbit/s
95th percentile per-packet one-way delay: 43.510 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 91.56 Mbit/s
95th percentile per-packet one-way delay: 43.510 ms
Loss rate: 0.93%
```

## Run 10: Report of TCP BBR — Data Link

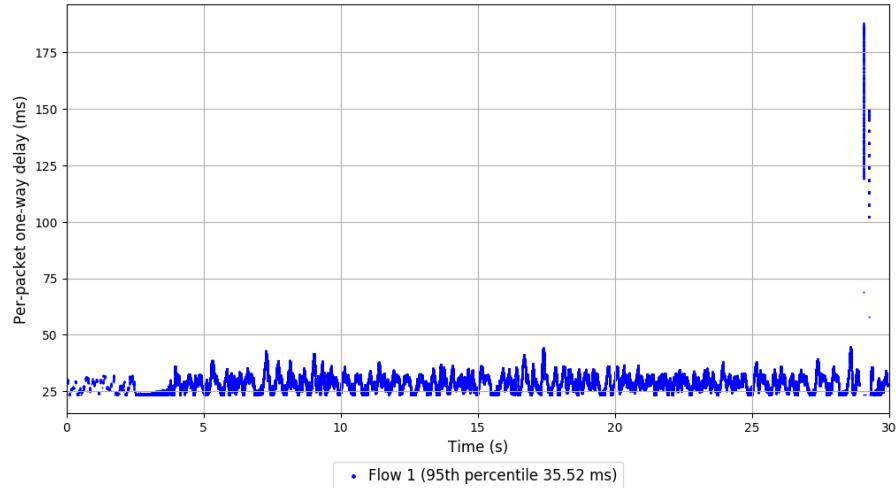
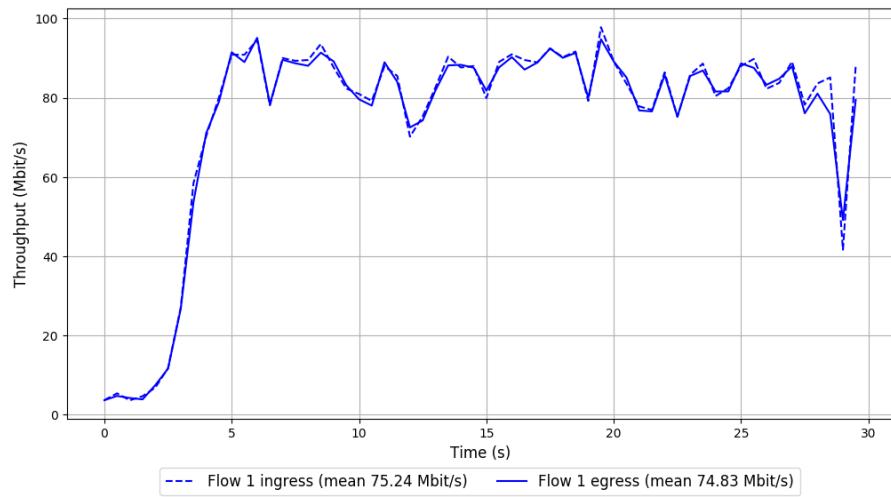


```
Run 1: Statistics of CalibratedKoho

Start at: 2017-09-17 22:11:26
End at: 2017-09-17 22:11:56
Local clock offset: -5.566 ms
Remote clock offset: -0.721 ms

# Below is generated by plot.py at 2017-09-18 05:16:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.83 Mbit/s
95th percentile per-packet one-way delay: 35.517 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 74.83 Mbit/s
95th percentile per-packet one-way delay: 35.517 ms
Loss rate: 0.81%
```

Run 1: Report of CalibratedKoho — Data Link

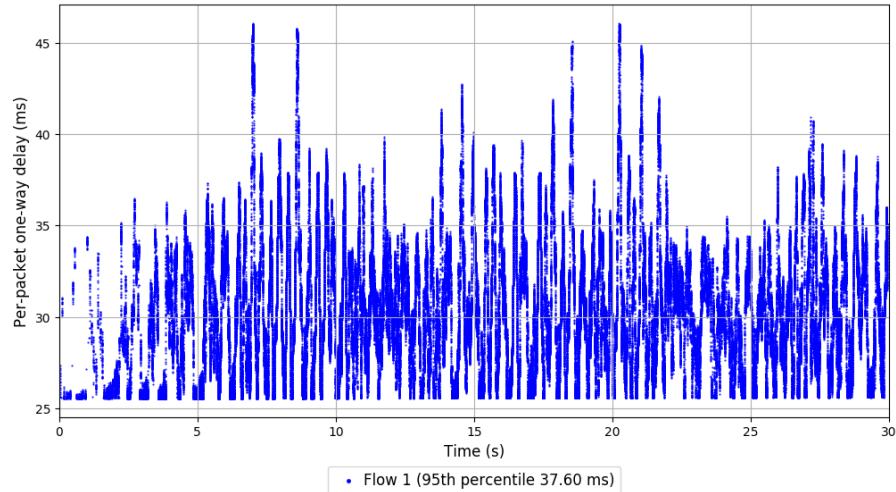
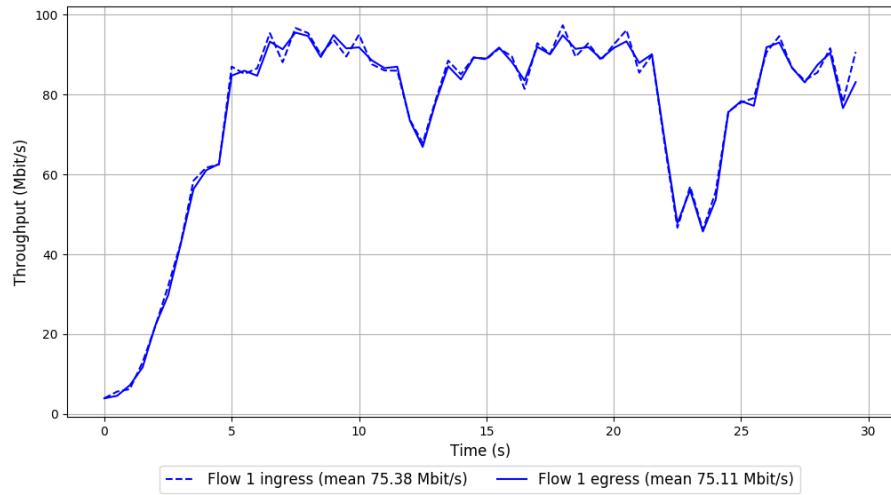


Run 2: Statistics of CalibratedKoho

```
Start at: 2017-09-17 22:32:26
End at: 2017-09-17 22:32:56
Local clock offset: -5.595 ms
Remote clock offset: -2.295 ms

# Below is generated by plot.py at 2017-09-18 05:16:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.11 Mbit/s
95th percentile per-packet one-way delay: 37.598 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 75.11 Mbit/s
95th percentile per-packet one-way delay: 37.598 ms
Loss rate: 0.60%
```

## Run 2: Report of CalibratedKoho — Data Link

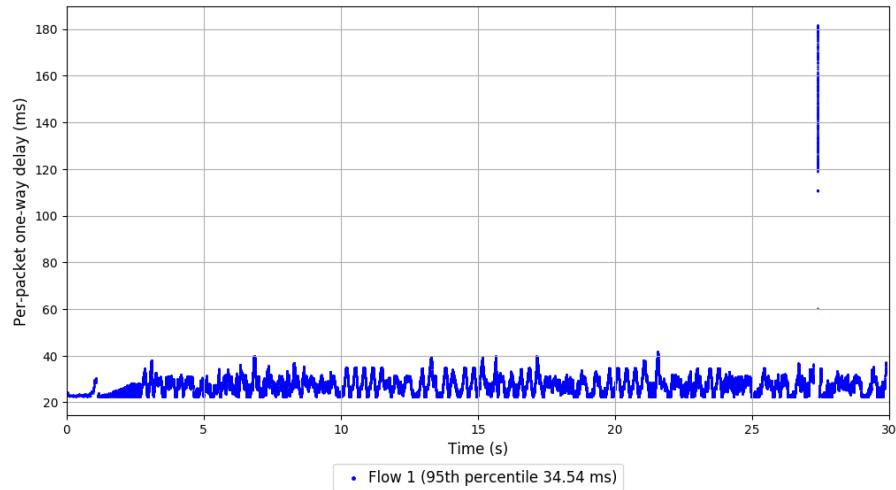
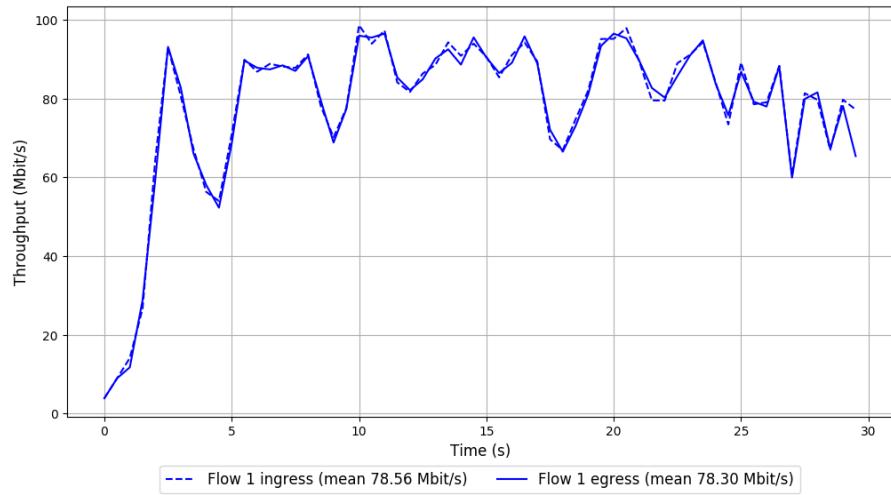


Run 3: Statistics of CalibratedKoho

```
Start at: 2017-09-17 22:53:19
End at: 2017-09-17 22:53:49
Local clock offset: -5.265 ms
Remote clock offset: 0.818 ms

# Below is generated by plot.py at 2017-09-18 05:16:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.30 Mbit/s
95th percentile per-packet one-way delay: 34.538 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 78.30 Mbit/s
95th percentile per-packet one-way delay: 34.538 ms
Loss rate: 0.58%
```

Run 3: Report of CalibratedKoho — Data Link

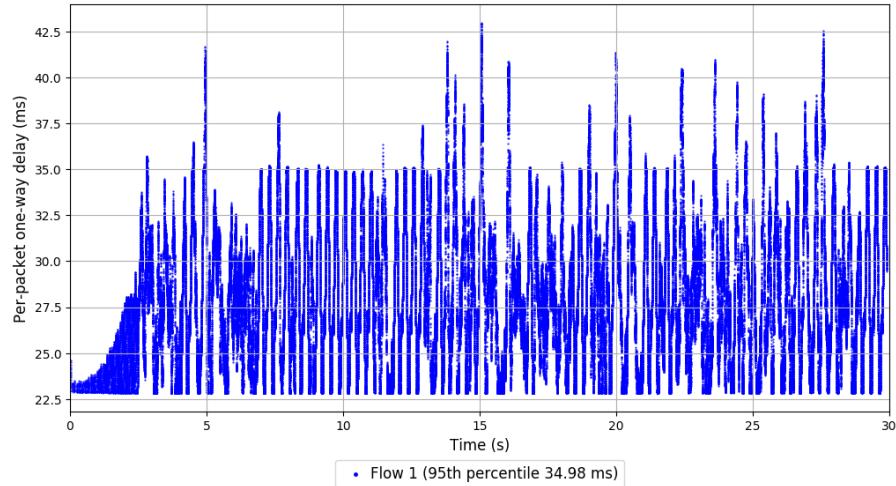
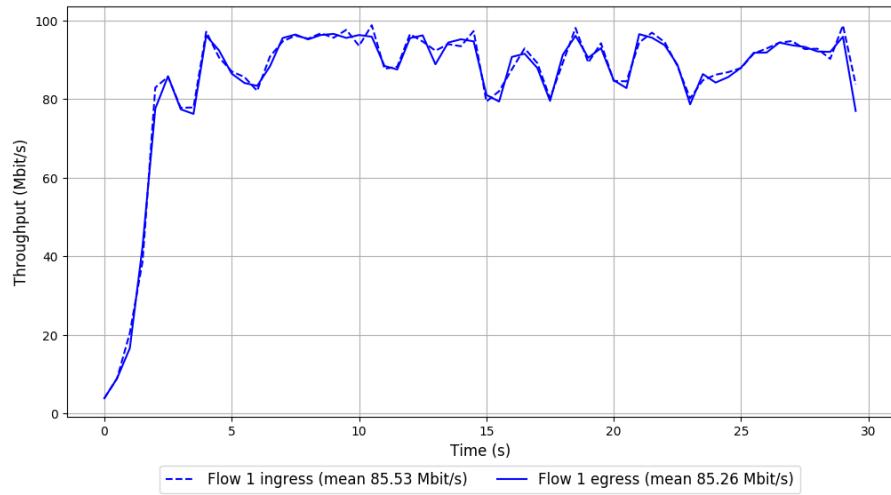


```
Run 4: Statistics of CalibratedKoho
```

```
Start at: 2017-09-17 23:13:33
End at: 2017-09-17 23:14:04
Local clock offset: 0.232 ms
Remote clock offset: 1.047 ms

# Below is generated by plot.py at 2017-09-18 05:16:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.26 Mbit/s
95th percentile per-packet one-way delay: 34.976 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 85.26 Mbit/s
95th percentile per-packet one-way delay: 34.976 ms
Loss rate: 0.57%
```

Run 4: Report of CalibratedKoho — Data Link

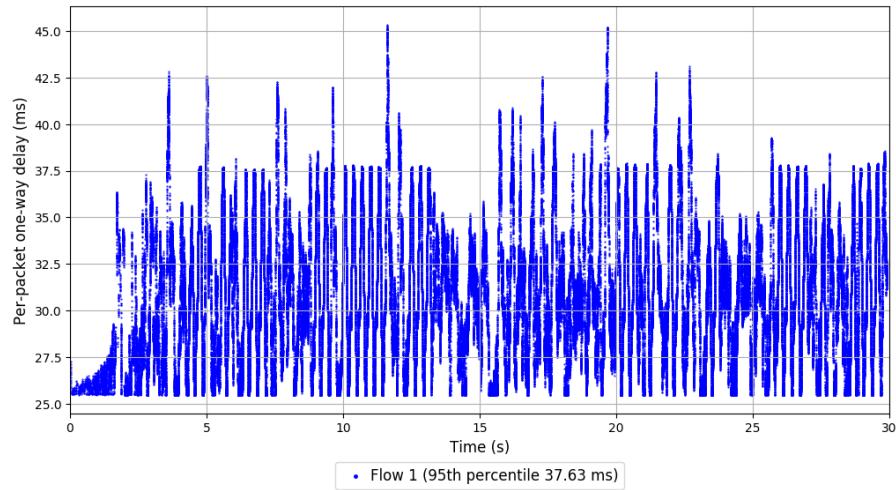
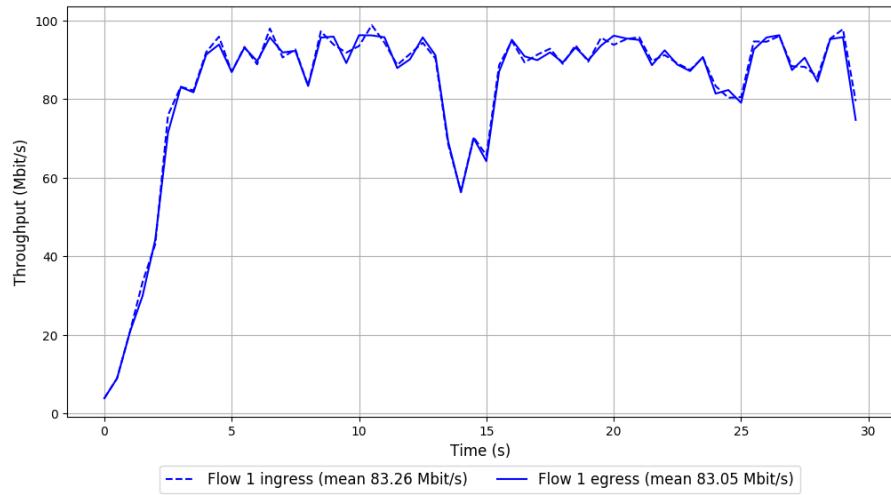


Run 5: Statistics of CalibratedKoho

```
Start at: 2017-09-17 23:34:24
End at: 2017-09-17 23:34:54
Local clock offset: 0.664 ms
Remote clock offset: -1.453 ms

# Below is generated by plot.py at 2017-09-18 05:16:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.05 Mbit/s
95th percentile per-packet one-way delay: 37.633 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 83.05 Mbit/s
95th percentile per-packet one-way delay: 37.633 ms
Loss rate: 0.49%
```

Run 5: Report of CalibratedKoho — Data Link

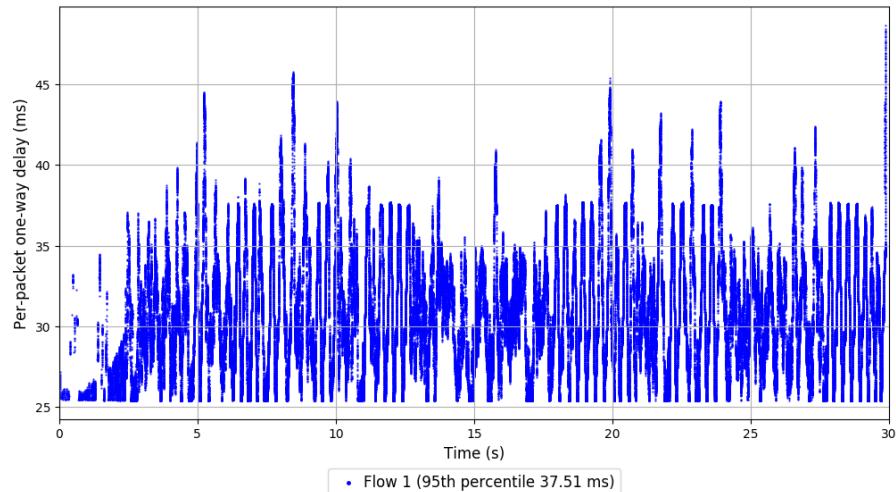
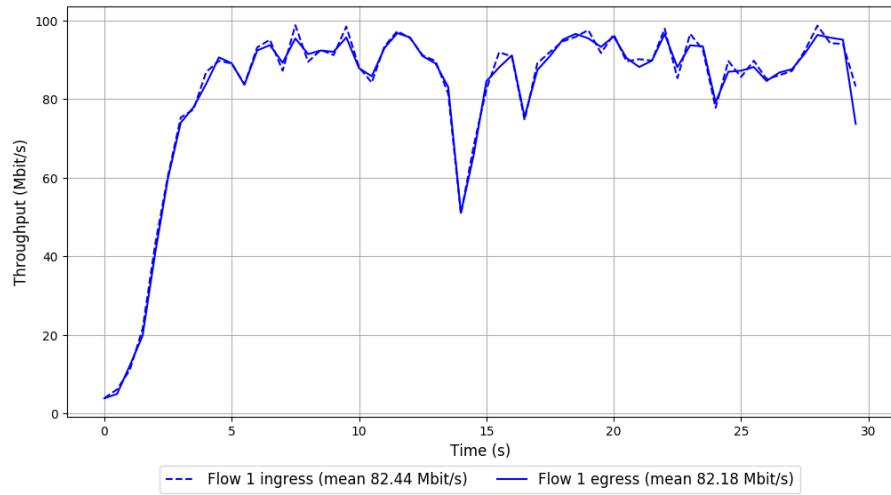


```
Run 6: Statistics of CalibratedKoho
```

```
Start at: 2017-09-17 23:55:04
End at: 2017-09-17 23:55:34
Local clock offset: 0.569 ms
Remote clock offset: -1.494 ms

# Below is generated by plot.py at 2017-09-18 05:16:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.18 Mbit/s
95th percentile per-packet one-way delay: 37.510 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 82.18 Mbit/s
95th percentile per-packet one-way delay: 37.510 ms
Loss rate: 0.56%
```

Run 6: Report of CalibratedKoho — Data Link

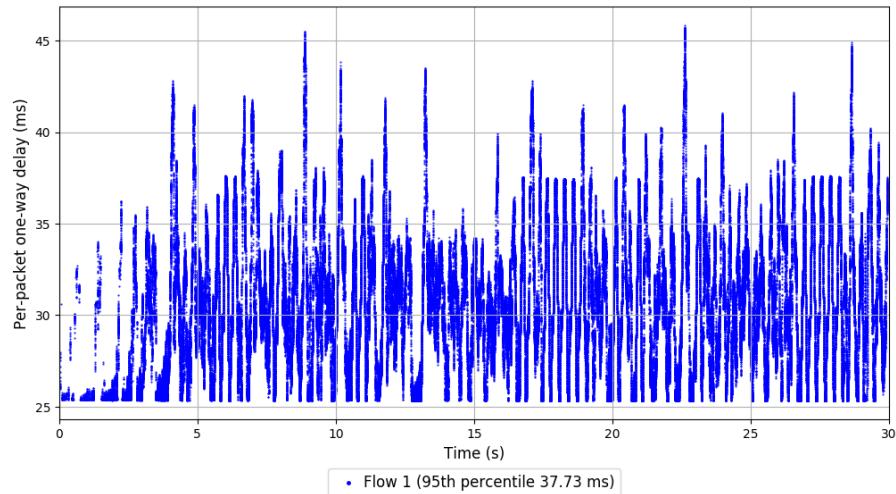
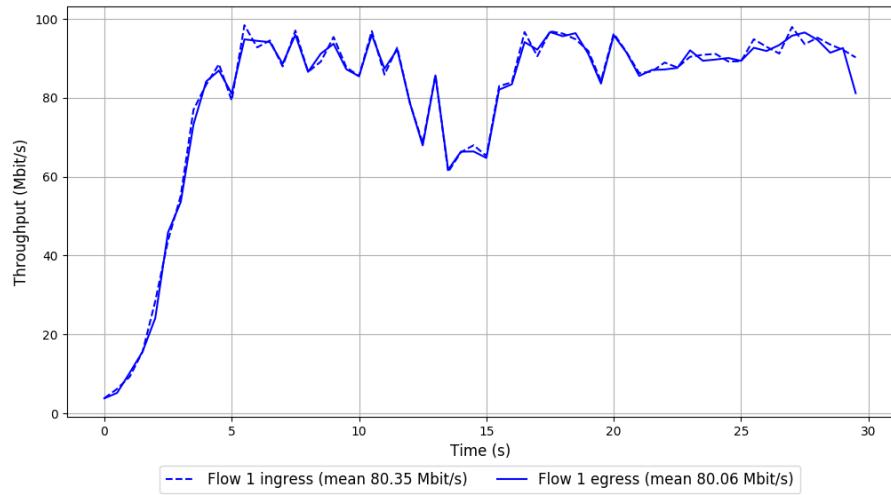


```
Run 7: Statistics of CalibratedKoho
```

```
Start at: 2017-09-18 00:15:25
End at: 2017-09-18 00:15:56
Local clock offset: 0.421 ms
Remote clock offset: -1.639 ms

# Below is generated by plot.py at 2017-09-18 05:16:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.06 Mbit/s
95th percentile per-packet one-way delay: 37.731 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 80.06 Mbit/s
95th percentile per-packet one-way delay: 37.731 ms
Loss rate: 0.61%
```

### Run 7: Report of CalibratedKoho — Data Link

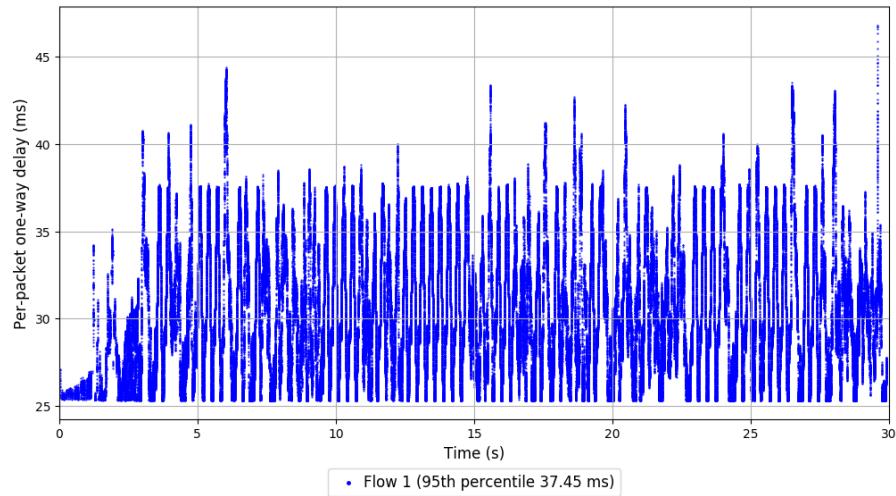
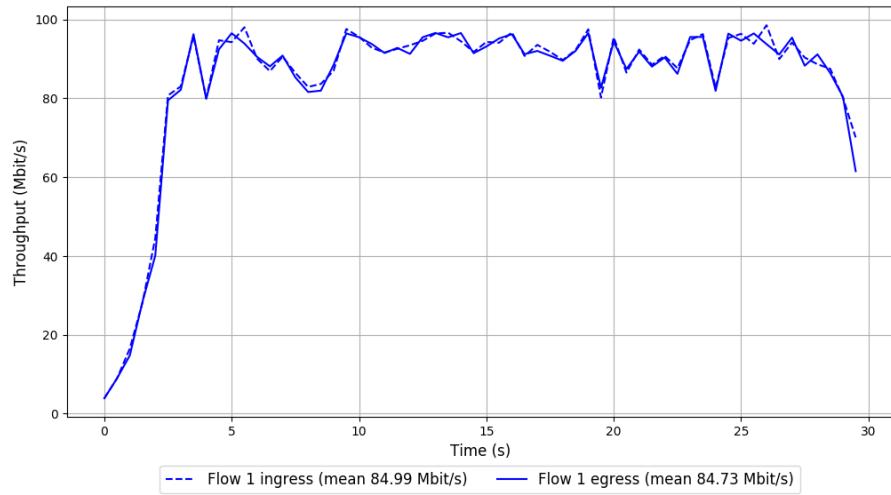


```
Run 8: Statistics of CalibratedKoho
```

```
Start at: 2017-09-18 00:35:40
End at: 2017-09-18 00:36:11
Local clock offset: 0.615 ms
Remote clock offset: -1.976 ms

# Below is generated by plot.py at 2017-09-18 05:16:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.73 Mbit/s
95th percentile per-packet one-way delay: 37.451 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 84.73 Mbit/s
95th percentile per-packet one-way delay: 37.451 ms
Loss rate: 0.55%
```

Run 8: Report of CalibratedKoho — Data Link

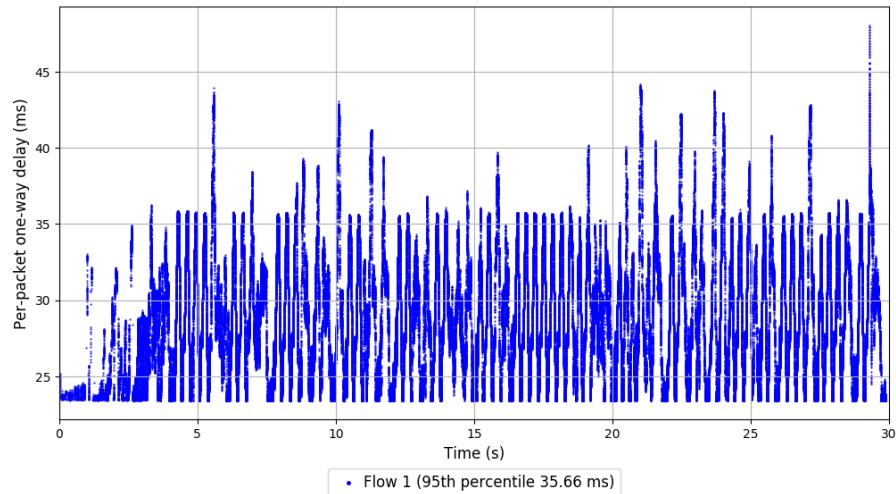
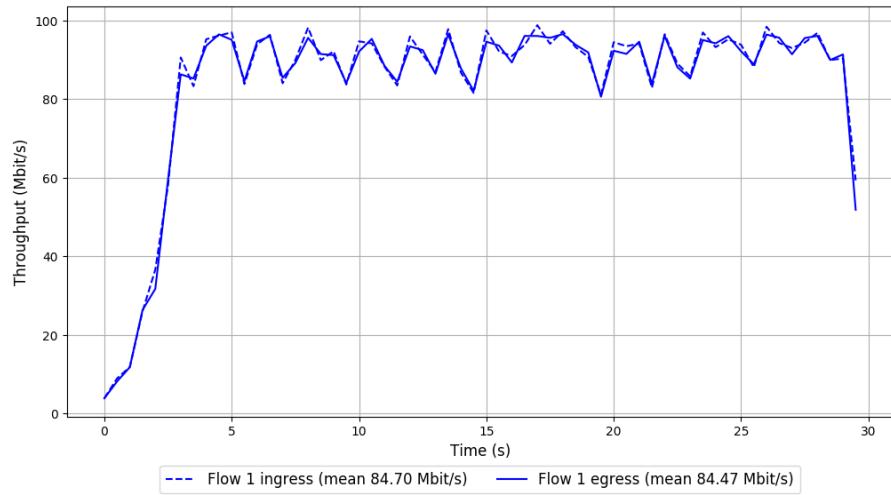


```
Run 9: Statistics of CalibratedKoho
```

```
Start at: 2017-09-18 00:56:04
End at: 2017-09-18 00:56:34
Local clock offset: 0.765 ms
Remote clock offset: -0.212 ms

# Below is generated by plot.py at 2017-09-18 05:17:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.47 Mbit/s
95th percentile per-packet one-way delay: 35.662 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 84.47 Mbit/s
95th percentile per-packet one-way delay: 35.662 ms
Loss rate: 0.52%
```

Run 9: Report of CalibratedKoho — Data Link

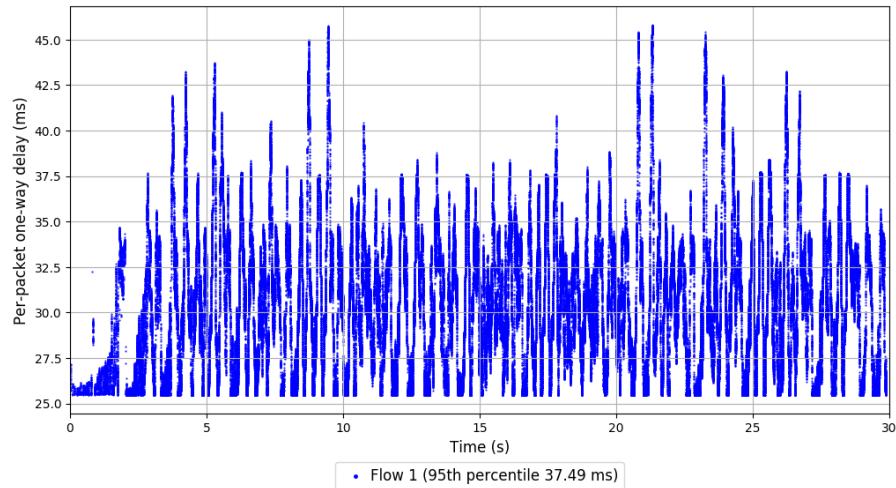
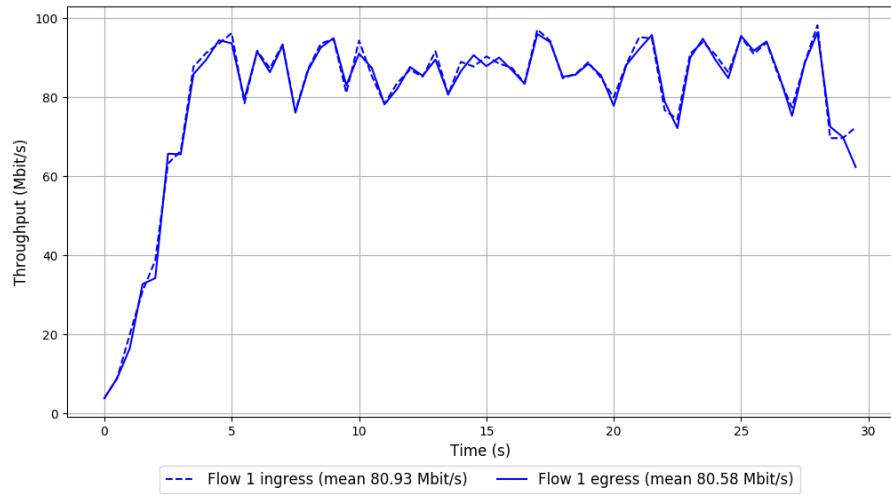


```
Run 10: Statistics of CalibratedKoho
```

```
Start at: 2017-09-18 01:16:54
End at: 2017-09-18 01:17:24
Local clock offset: 0.623 ms
Remote clock offset: -2.258 ms

# Below is generated by plot.py at 2017-09-18 05:17:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.58 Mbit/s
95th percentile per-packet one-way delay: 37.491 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 80.58 Mbit/s
95th percentile per-packet one-way delay: 37.491 ms
Loss rate: 0.67%
```

## Run 10: Report of CalibratedKoho — Data Link

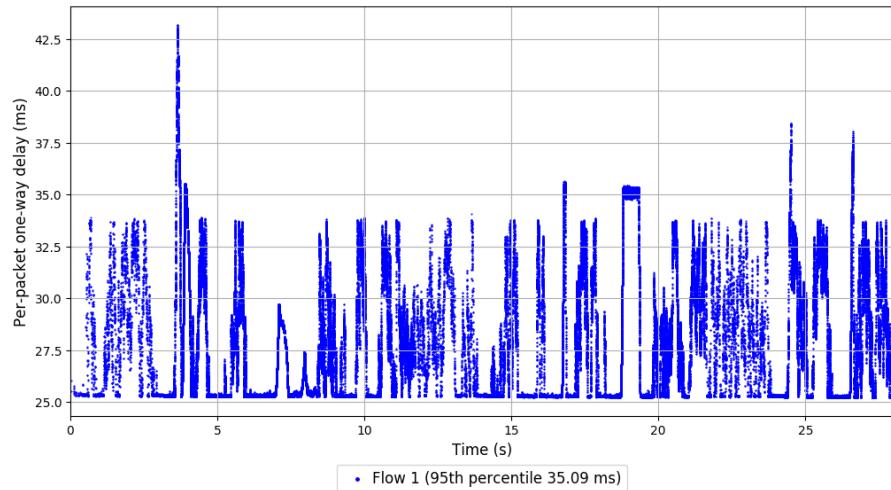
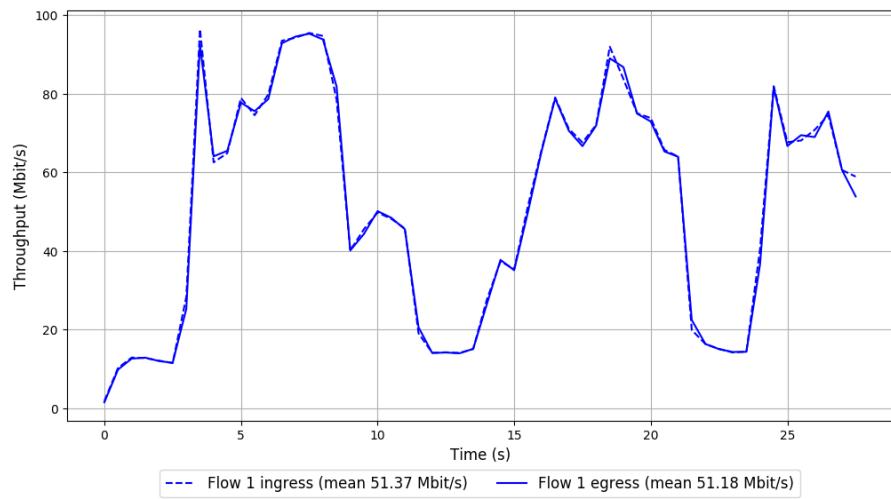


Run 1: Statistics of Copa

```
Start at: 2017-09-17 22:17:24
End at: 2017-09-17 22:17:54
Local clock offset: -5.569 ms
Remote clock offset: -2.665 ms

# Below is generated by plot.py at 2017-09-18 05:17:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.18 Mbit/s
95th percentile per-packet one-way delay: 35.091 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 51.18 Mbit/s
95th percentile per-packet one-way delay: 35.091 ms
Loss rate: 0.63%
```

### Run 1: Report of Copa — Data Link

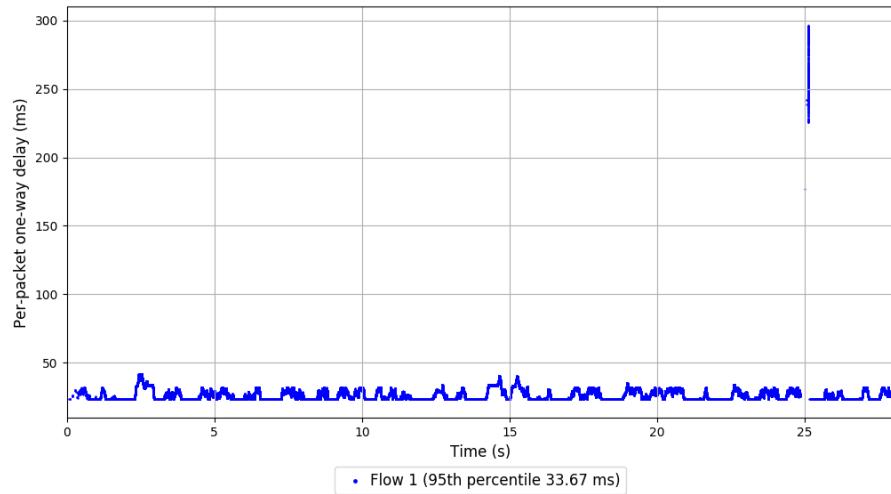
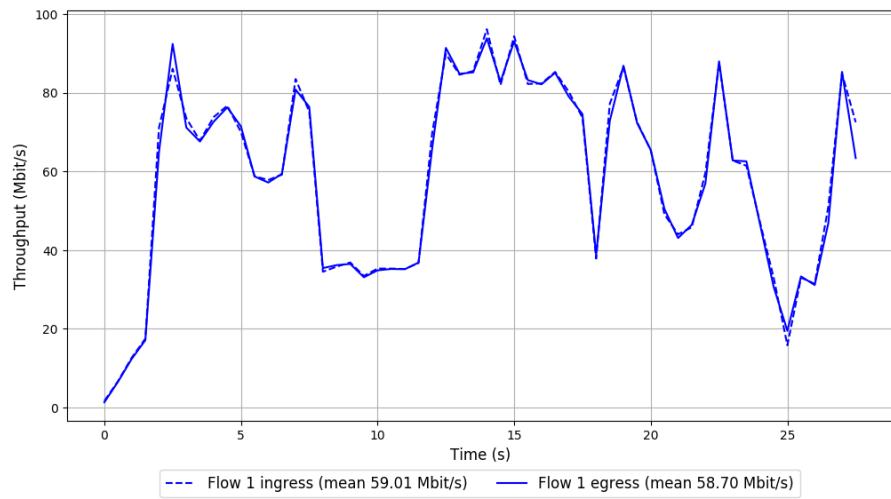


Run 2: Statistics of Copa

```
Start at: 2017-09-17 22:38:05
End at: 2017-09-17 22:38:35
Local clock offset: -6.893 ms
Remote clock offset: -0.128 ms

# Below is generated by plot.py at 2017-09-18 05:17:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.70 Mbit/s
95th percentile per-packet one-way delay: 33.671 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 58.70 Mbit/s
95th percentile per-packet one-way delay: 33.671 ms
Loss rate: 0.79%
```

## Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

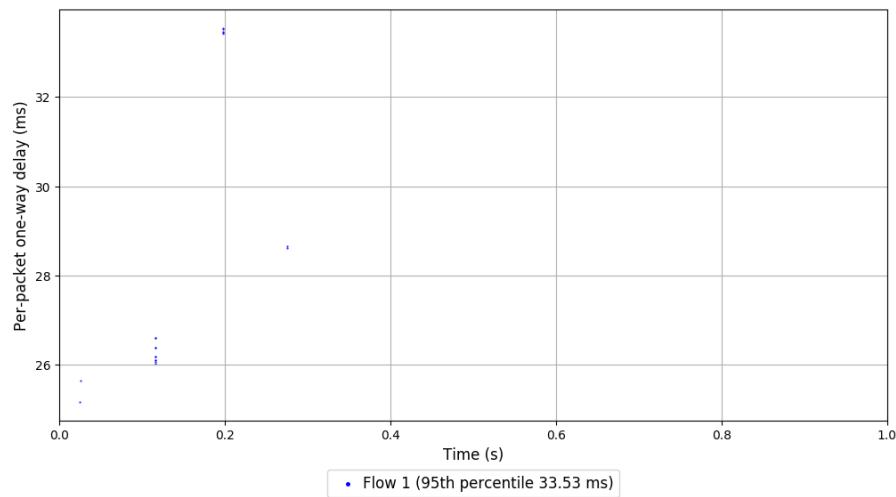
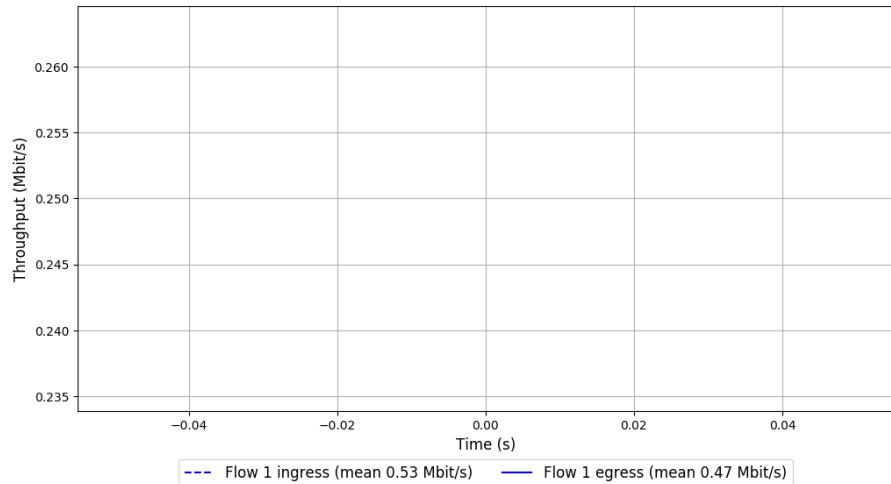
Start at: 2017-09-17 22:58:50

End at: 2017-09-17 22:59:20

Local clock offset: -2.492 ms

Remote clock offset: -1.642 ms

### Run 3: Report of Copa — Data Link

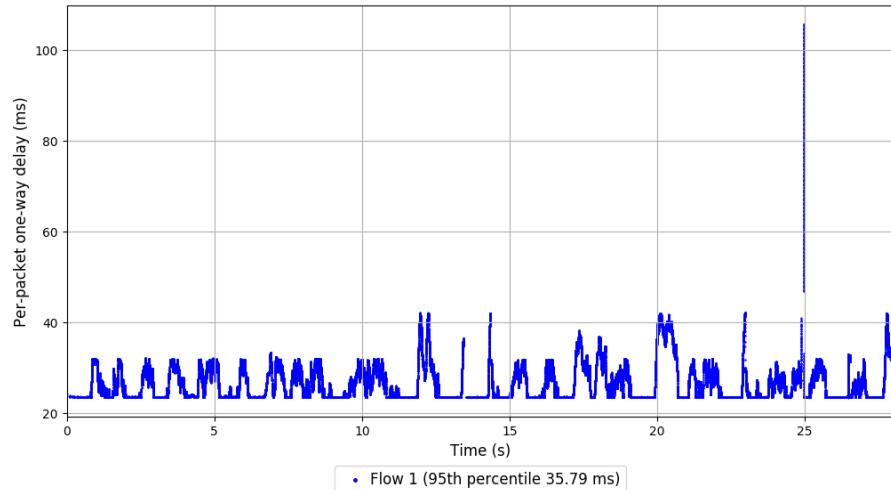
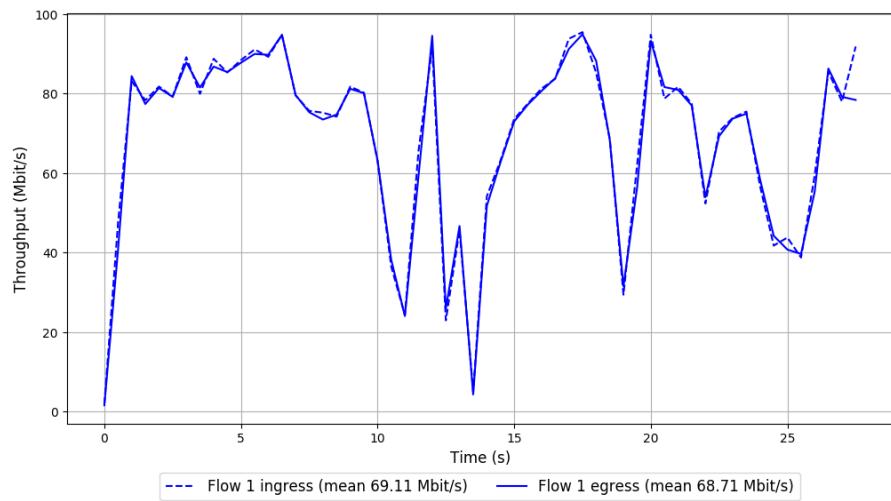


Run 4: Statistics of Copa

```
Start at: 2017-09-17 23:19:24
End at: 2017-09-17 23:19:54
Local clock offset: 0.143 ms
Remote clock offset: 0.488 ms

# Below is generated by plot.py at 2017-09-18 05:17:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.71 Mbit/s
95th percentile per-packet one-way delay: 35.788 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 68.71 Mbit/s
95th percentile per-packet one-way delay: 35.788 ms
Loss rate: 0.84%
```

### Run 4: Report of Copa — Data Link

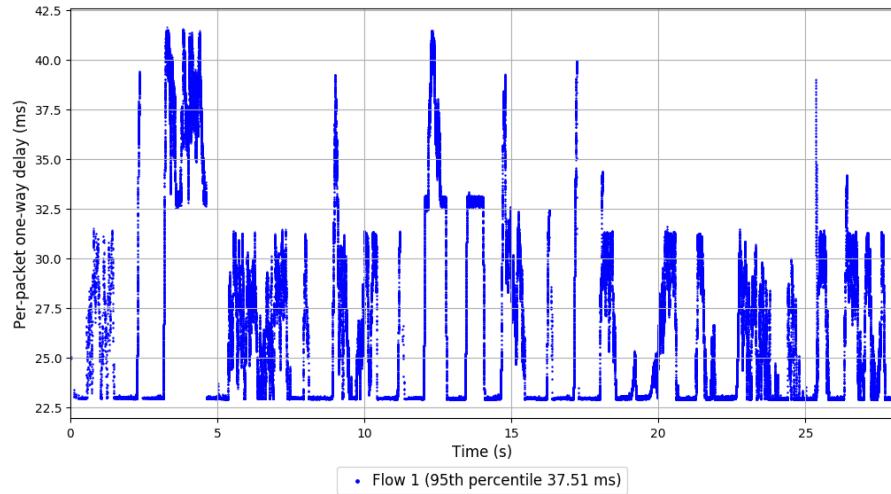
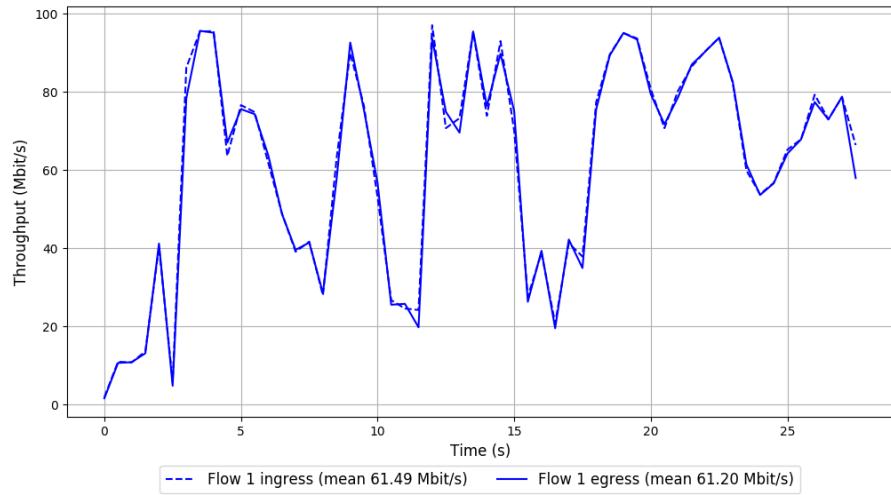


Run 5: Statistics of Copa

```
Start at: 2017-09-17 23:40:09
End at: 2017-09-17 23:40:39
Local clock offset: 0.642 ms
Remote clock offset: 1.116 ms

# Below is generated by plot.py at 2017-09-18 05:17:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.20 Mbit/s
95th percentile per-packet one-way delay: 37.506 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 61.20 Mbit/s
95th percentile per-packet one-way delay: 37.506 ms
Loss rate: 0.74%
```

### Run 5: Report of Copa — Data Link

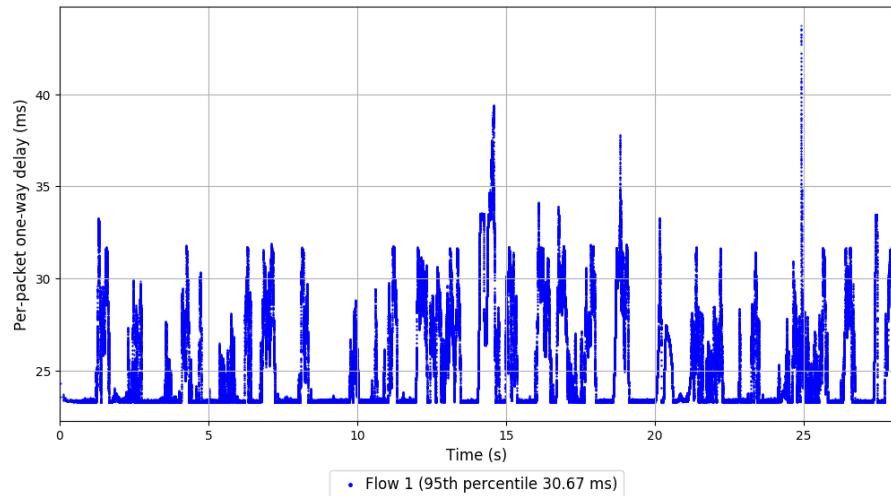
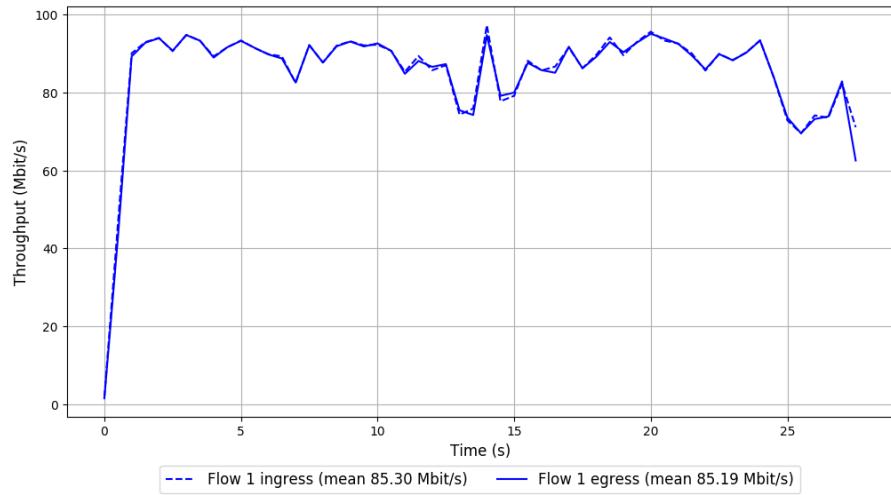


Run 6: Statistics of Copa

```
Start at: 2017-09-18 00:00:40
End at: 2017-09-18 00:01:10
Local clock offset: 0.495 ms
Remote clock offset: 0.562 ms

# Below is generated by plot.py at 2017-09-18 05:19:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.19 Mbit/s
95th percentile per-packet one-way delay: 30.666 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 85.19 Mbit/s
95th percentile per-packet one-way delay: 30.666 ms
Loss rate: 0.39%
```

## Run 6: Report of Copa — Data Link

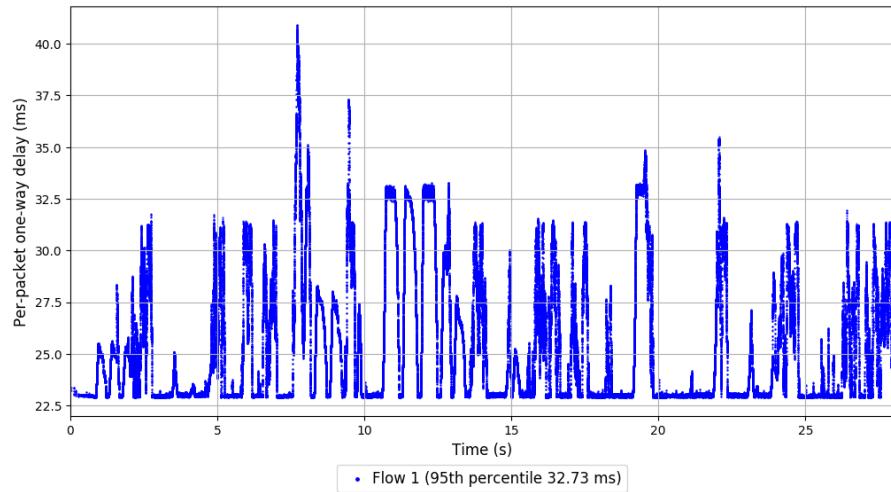
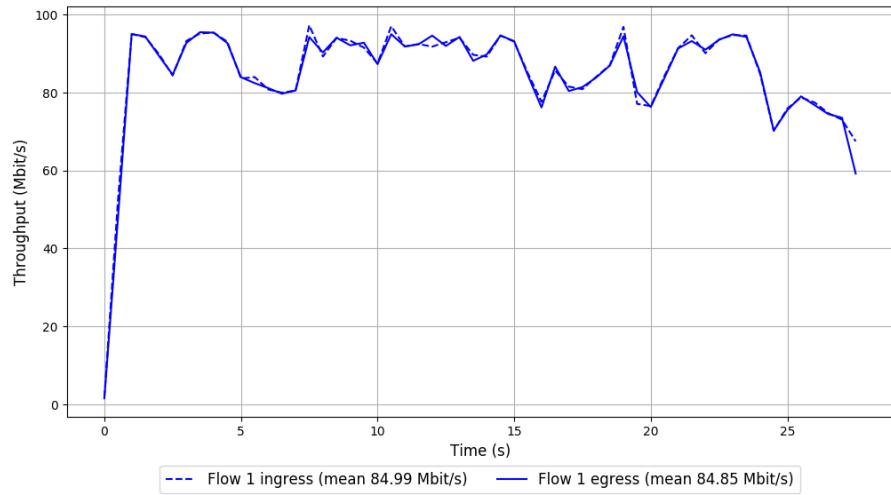


Run 7: Statistics of Copa

```
Start at: 2017-09-18 00:20:58
End at: 2017-09-18 00:21:28
Local clock offset: 0.48 ms
Remote clock offset: 0.702 ms

# Below is generated by plot.py at 2017-09-18 05:19:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.85 Mbit/s
95th percentile per-packet one-way delay: 32.734 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 84.85 Mbit/s
95th percentile per-packet one-way delay: 32.734 ms
Loss rate: 0.43%
```

### Run 7: Report of Copa — Data Link

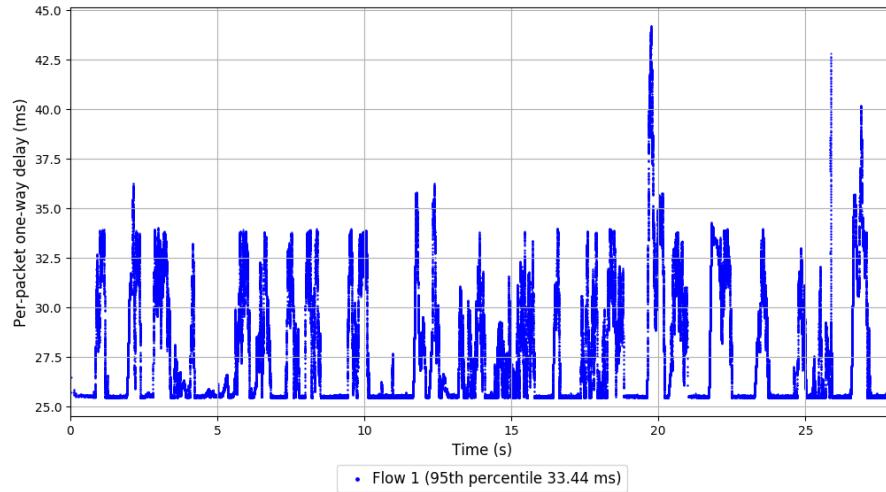
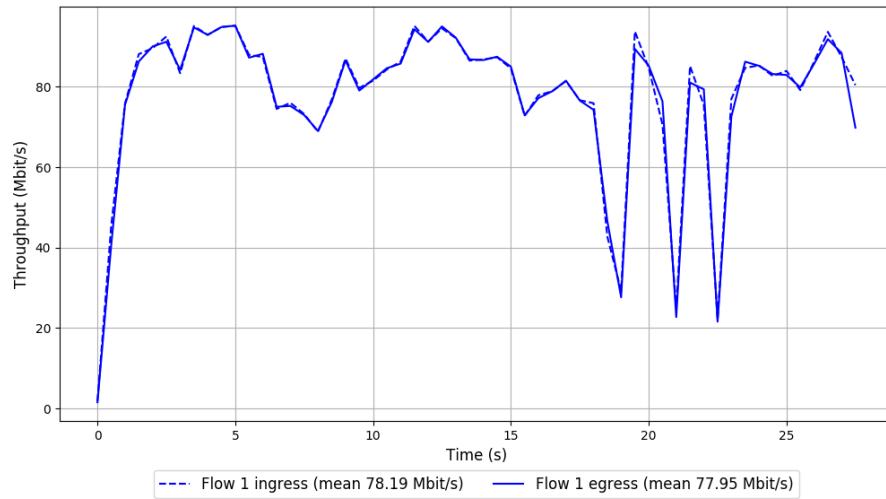


Run 8: Statistics of Copa

```
Start at: 2017-09-18 00:41:15
End at: 2017-09-18 00:41:45
Local clock offset: 0.774 ms
Remote clock offset: -2.071 ms

# Below is generated by plot.py at 2017-09-18 05:19:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.95 Mbit/s
95th percentile per-packet one-way delay: 33.442 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 77.95 Mbit/s
95th percentile per-packet one-way delay: 33.442 ms
Loss rate: 0.57%
```

### Run 8: Report of Copa — Data Link

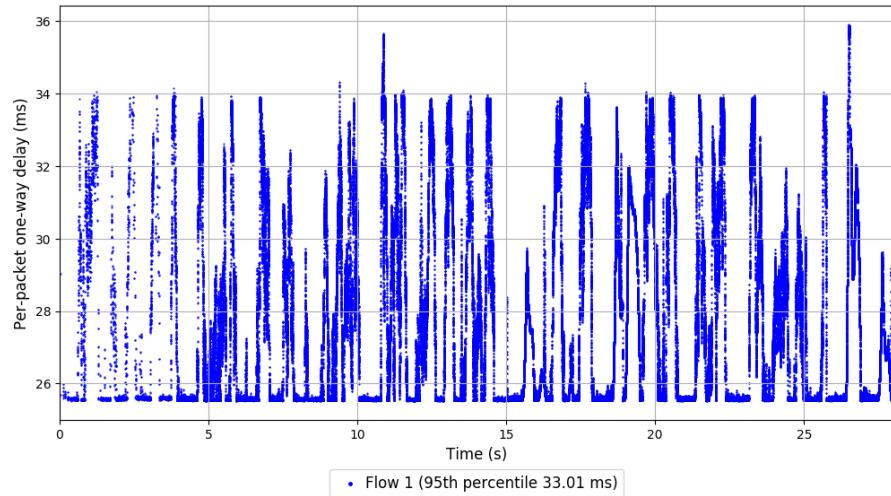
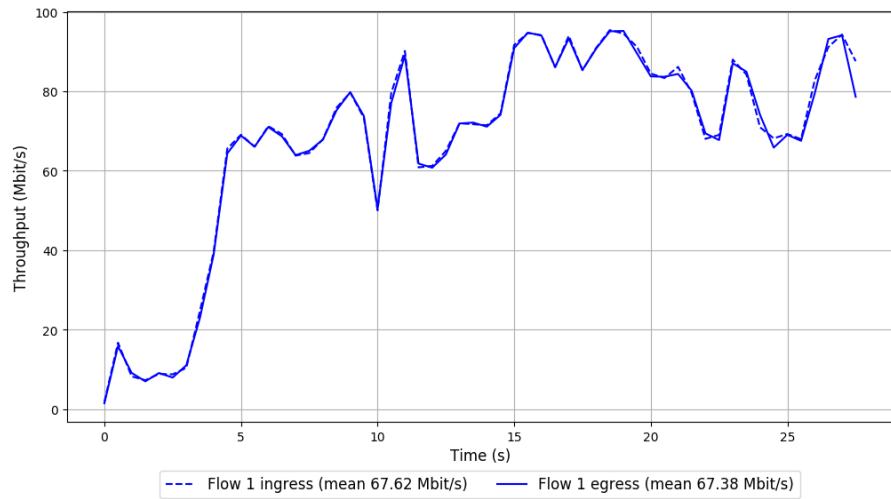


Run 9: Statistics of Copa

```
Start at: 2017-09-18 01:01:52
End at: 2017-09-18 01:02:22
Local clock offset: 0.848 ms
Remote clock offset: -2.298 ms

# Below is generated by plot.py at 2017-09-18 05:19:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.38 Mbit/s
95th percentile per-packet one-way delay: 33.005 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 67.38 Mbit/s
95th percentile per-packet one-way delay: 33.005 ms
Loss rate: 0.61%
```

## Run 9: Report of Copa — Data Link

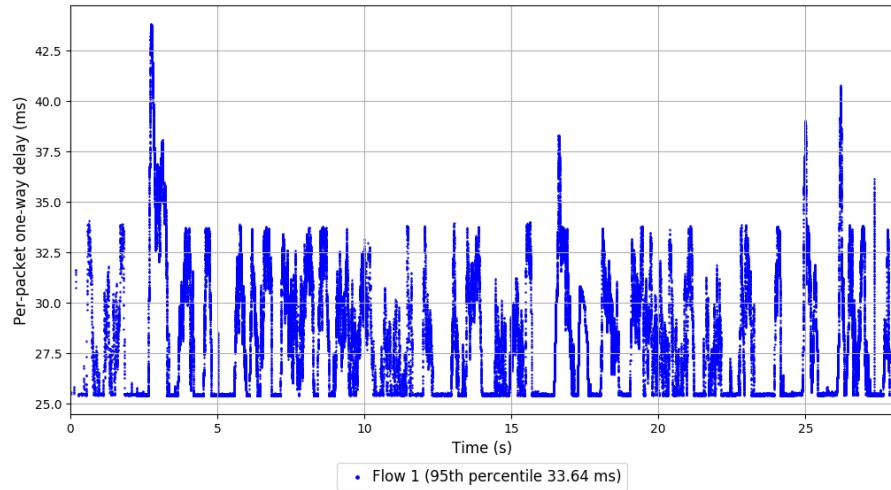
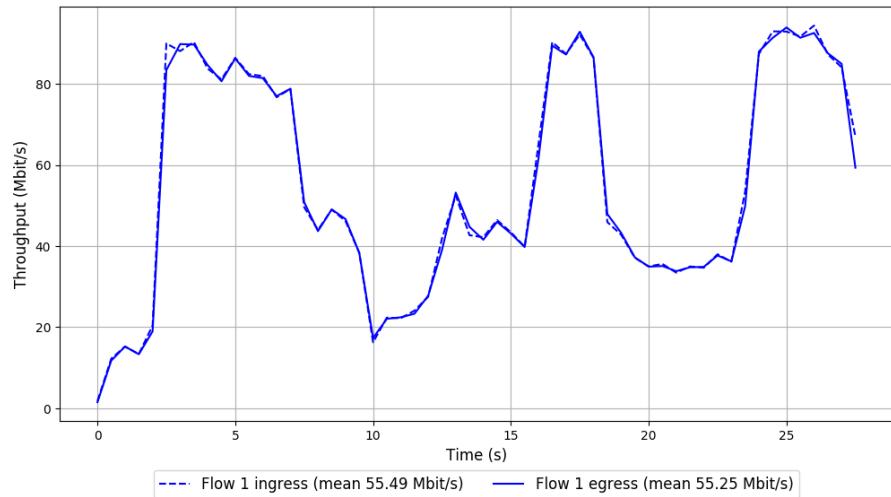


Run 10: Statistics of Copa

```
Start at: 2017-09-18 01:22:23
End at: 2017-09-18 01:22:53
Local clock offset: 0.505 ms
Remote clock offset: -2.175 ms

# Below is generated by plot.py at 2017-09-18 05:19:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.25 Mbit/s
95th percentile per-packet one-way delay: 33.640 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 55.25 Mbit/s
95th percentile per-packet one-way delay: 33.640 ms
Loss rate: 0.70%
```

## Run 10: Report of Copa — Data Link

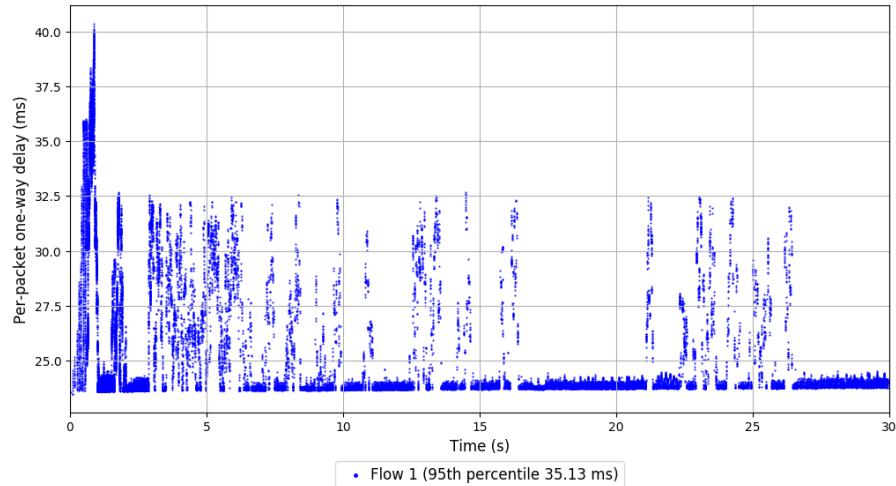
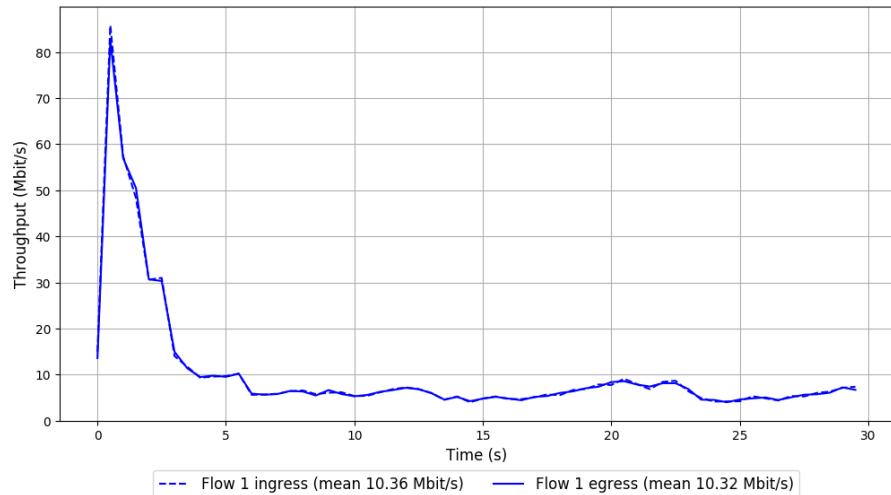


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2017-09-17 22:24:22
End at: 2017-09-17 22:24:52
Local clock offset: -5.783 ms
Remote clock offset: -0.504 ms

# Below is generated by plot.py at 2017-09-18 05:19:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.32 Mbit/s
95th percentile per-packet one-way delay: 35.135 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 10.32 Mbit/s
95th percentile per-packet one-way delay: 35.135 ms
Loss rate: 0.64%
```

### Run 1: Report of TCP Cubic — Data Link

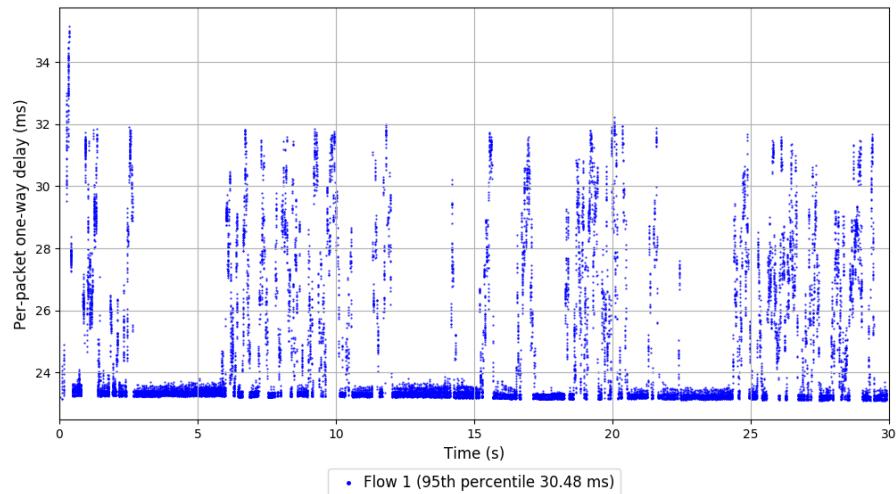
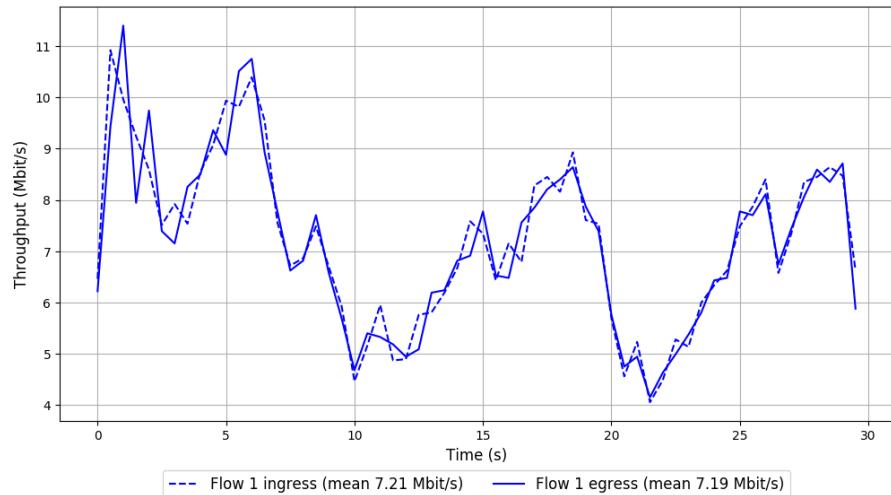


Run 2: Statistics of TCP Cubic

```
Start at: 2017-09-17 22:45:07
End at: 2017-09-17 22:45:37
Local clock offset: -7.274 ms
Remote clock offset: 0.052 ms

# Below is generated by plot.py at 2017-09-18 05:19:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.19 Mbit/s
95th percentile per-packet one-way delay: 30.481 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 7.19 Mbit/s
95th percentile per-packet one-way delay: 30.481 ms
Loss rate: 0.58%
```

## Run 2: Report of TCP Cubic — Data Link

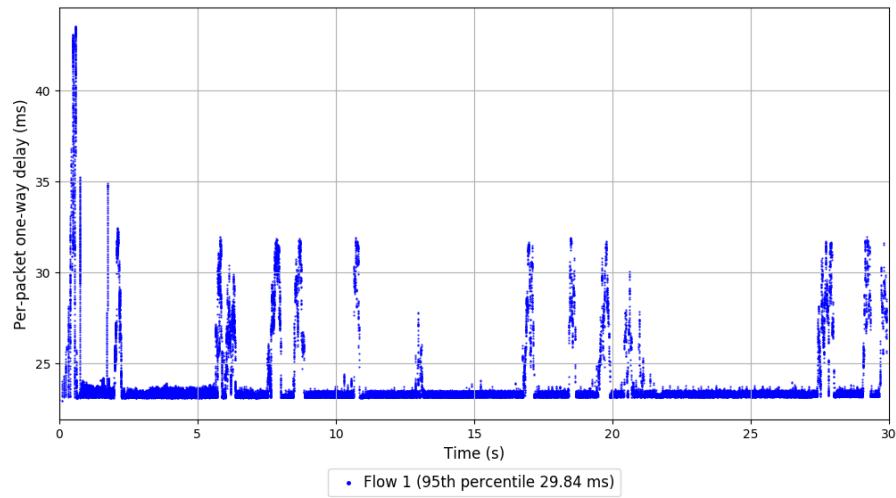
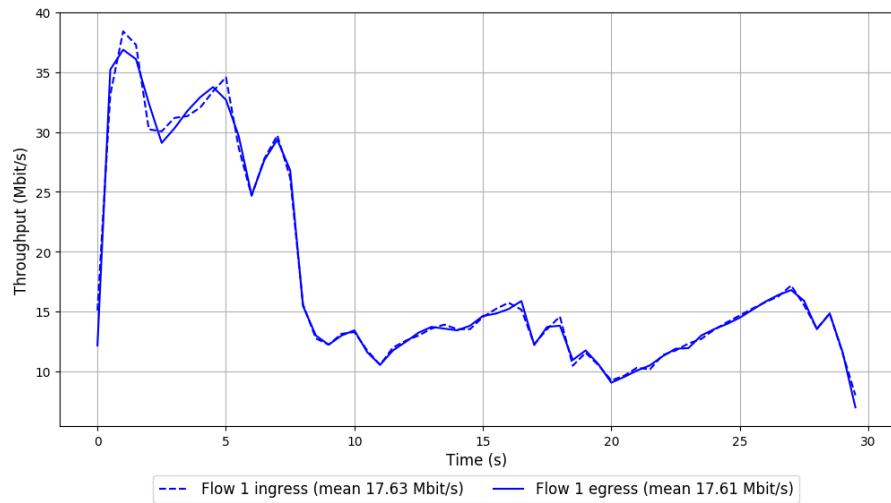


Run 3: Statistics of TCP Cubic

```
Start at: 2017-09-17 23:05:28
End at: 2017-09-17 23:05:58
Local clock offset: 1.033 ms
Remote clock offset: 0.999 ms

# Below is generated by plot.py at 2017-09-18 05:19:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.61 Mbit/s
95th percentile per-packet one-way delay: 29.840 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 17.61 Mbit/s
95th percentile per-packet one-way delay: 29.840 ms
Loss rate: 0.36%
```

### Run 3: Report of TCP Cubic — Data Link

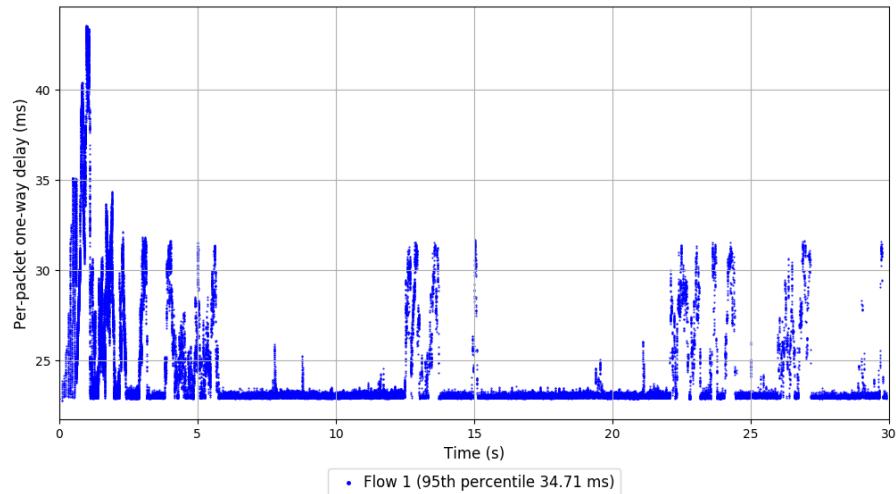
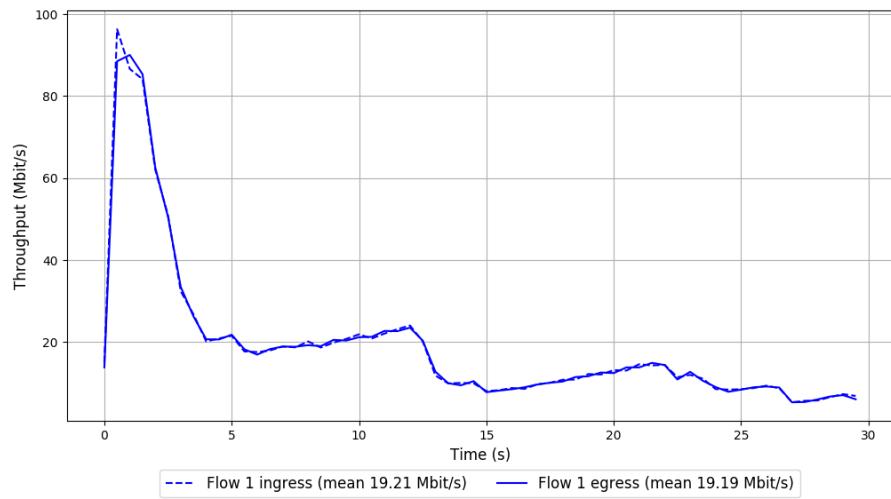


Run 4: Statistics of TCP Cubic

```
Start at: 2017-09-17 23:26:14
End at: 2017-09-17 23:26:44
Local clock offset: 0.502 ms
Remote clock offset: 0.962 ms

# Below is generated by plot.py at 2017-09-18 05:19:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.19 Mbit/s
95th percentile per-packet one-way delay: 34.714 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 19.19 Mbit/s
95th percentile per-packet one-way delay: 34.714 ms
Loss rate: 0.36%
```

### Run 4: Report of TCP Cubic — Data Link

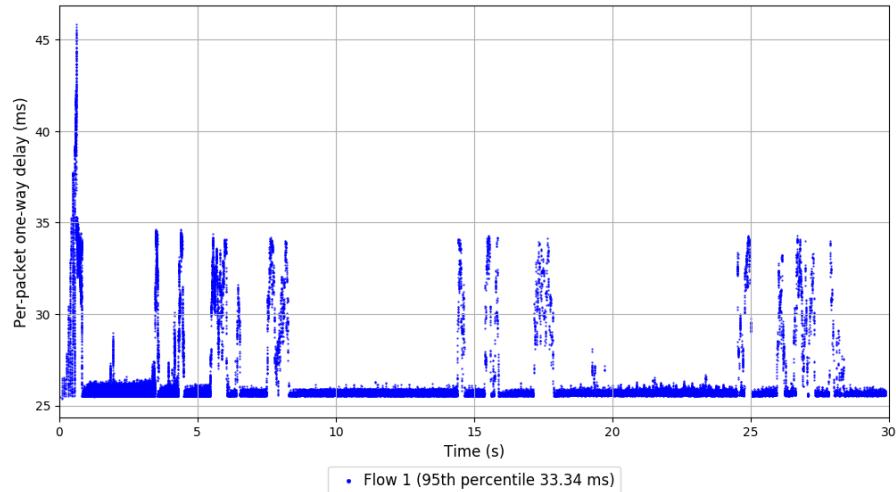
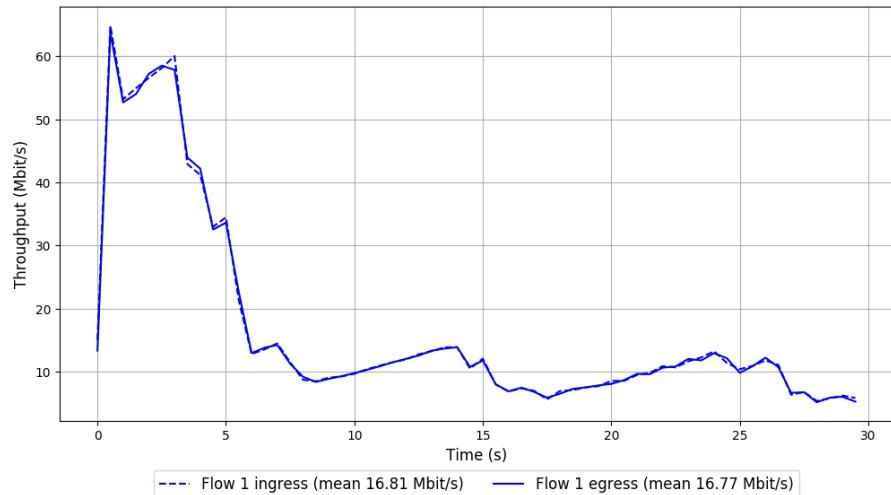


Run 5: Statistics of TCP Cubic

```
Start at: 2017-09-17 23:47:02
End at: 2017-09-17 23:47:32
Local clock offset: 0.803 ms
Remote clock offset: -1.423 ms

# Below is generated by plot.py at 2017-09-18 05:19:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.77 Mbit/s
95th percentile per-packet one-way delay: 33.341 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 16.77 Mbit/s
95th percentile per-packet one-way delay: 33.341 ms
Loss rate: 0.47%
```

### Run 5: Report of TCP Cubic — Data Link

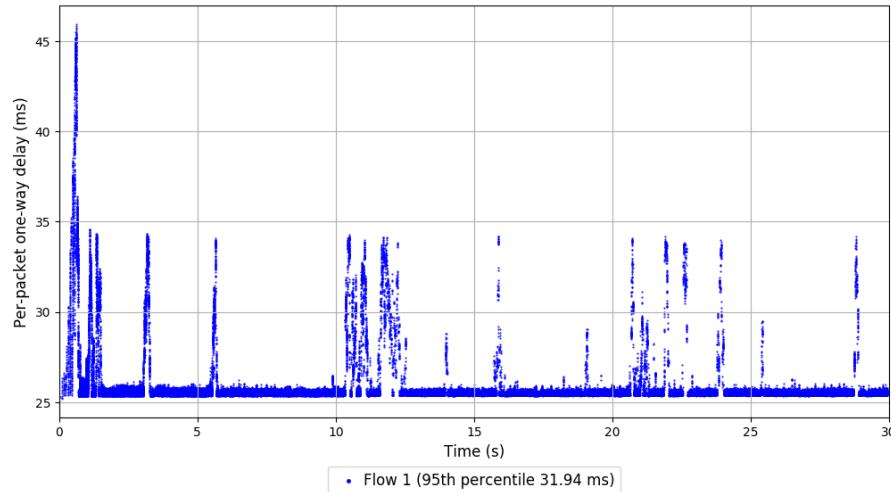
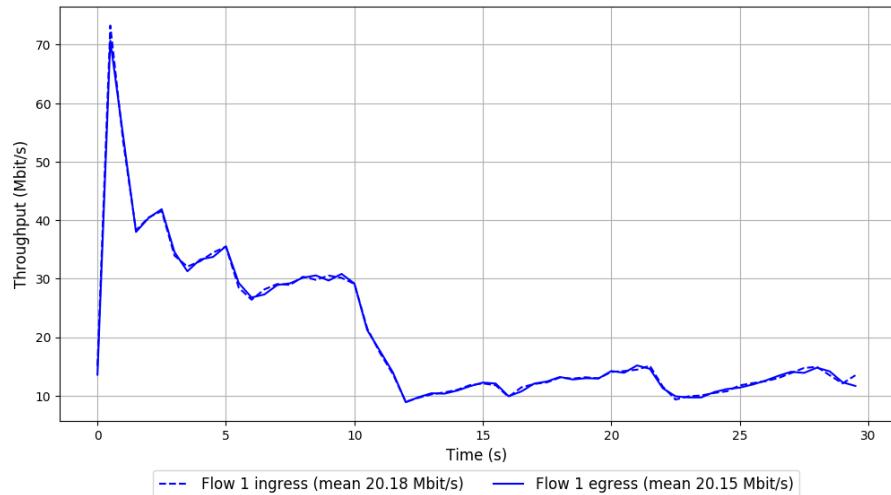


Run 6: Statistics of TCP Cubic

```
Start at: 2017-09-18 00:07:26
End at: 2017-09-18 00:07:56
Local clock offset: 0.407 ms
Remote clock offset: -1.532 ms

# Below is generated by plot.py at 2017-09-18 05:19:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.15 Mbit/s
95th percentile per-packet one-way delay: 31.941 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 20.15 Mbit/s
95th percentile per-packet one-way delay: 31.941 ms
Loss rate: 0.38%
```

### Run 6: Report of TCP Cubic — Data Link

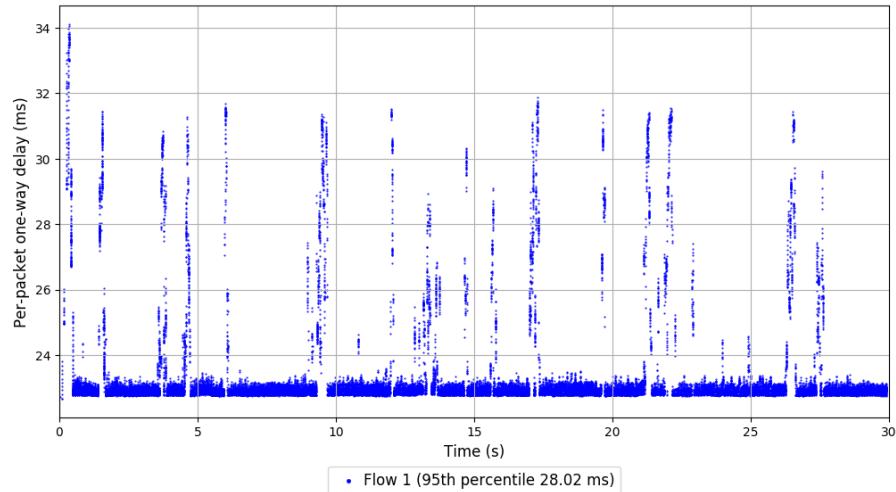
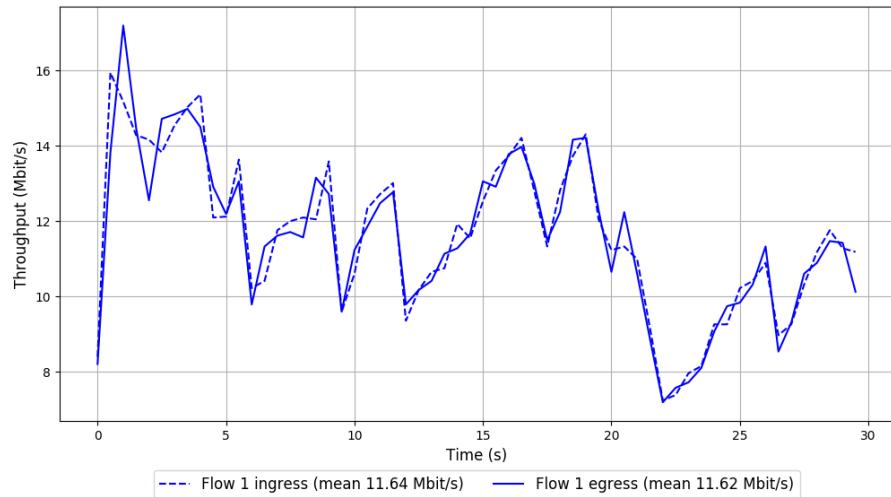


Run 7: Statistics of TCP Cubic

```
Start at: 2017-09-18 00:27:46
End at: 2017-09-18 00:28:16
Local clock offset: 0.452 ms
Remote clock offset: 0.76 ms

# Below is generated by plot.py at 2017-09-18 05:19:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.62 Mbit/s
95th percentile per-packet one-way delay: 28.019 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 11.62 Mbit/s
95th percentile per-packet one-way delay: 28.019 ms
Loss rate: 0.46%
```

### Run 7: Report of TCP Cubic — Data Link

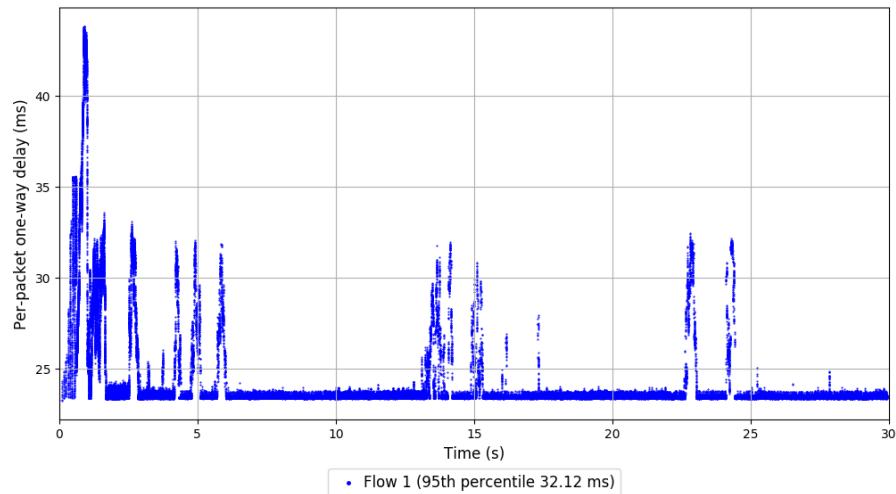
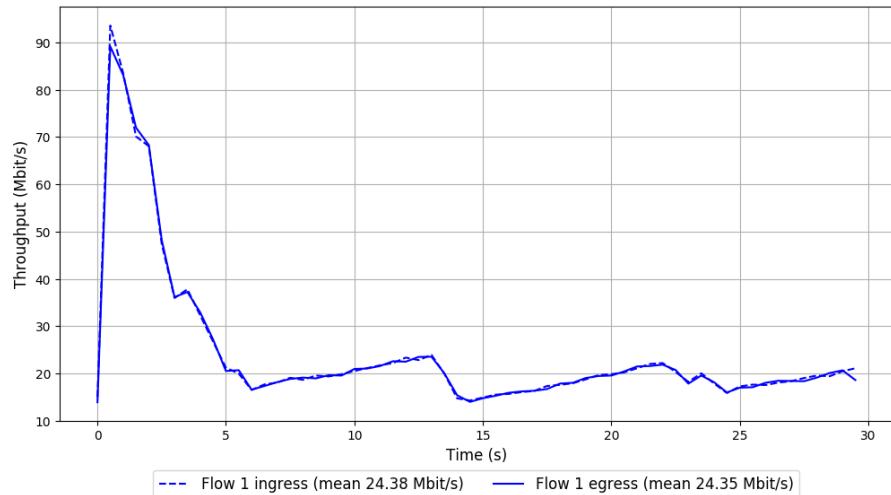


Run 8: Statistics of TCP Cubic

```
Start at: 2017-09-18 00:48:03
End at: 2017-09-18 00:48:33
Local clock offset: 0.841 ms
Remote clock offset: 0.012 ms

# Below is generated by plot.py at 2017-09-18 05:19:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.35 Mbit/s
95th percentile per-packet one-way delay: 32.119 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 24.35 Mbit/s
95th percentile per-packet one-way delay: 32.119 ms
Loss rate: 0.39%
```

## Run 8: Report of TCP Cubic — Data Link

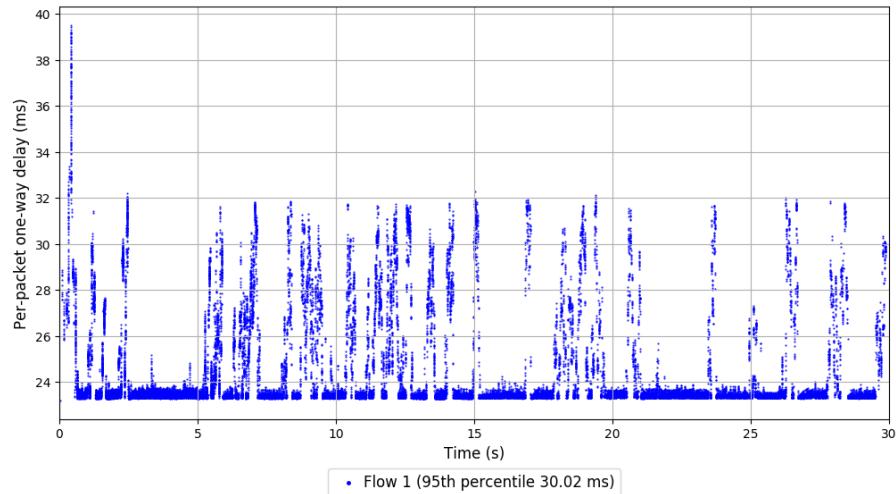
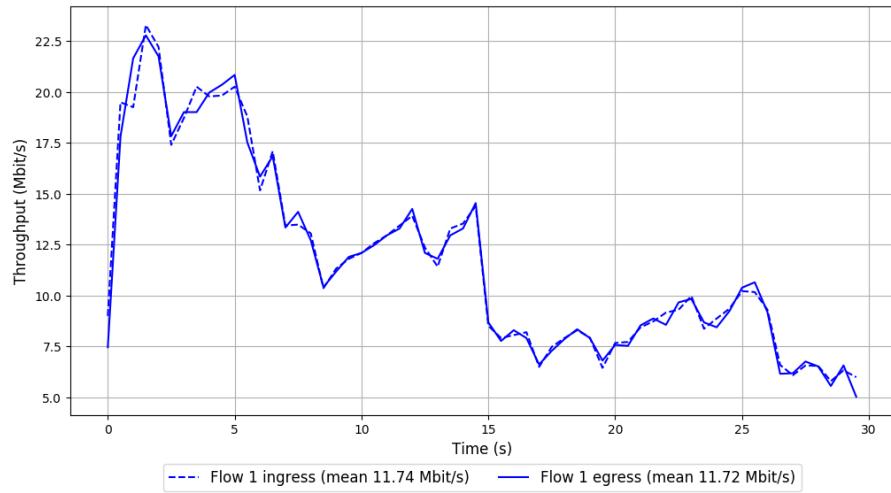


Run 9: Statistics of TCP Cubic

```
Start at: 2017-09-18 01:08:48
End at: 2017-09-18 01:09:18
Local clock offset: 0.714 ms
Remote clock offset: -0.071 ms

# Below is generated by plot.py at 2017-09-18 05:19:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.72 Mbit/s
95th percentile per-packet one-way delay: 30.021 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 11.72 Mbit/s
95th percentile per-packet one-way delay: 30.021 ms
Loss rate: 0.41%
```

### Run 9: Report of TCP Cubic — Data Link

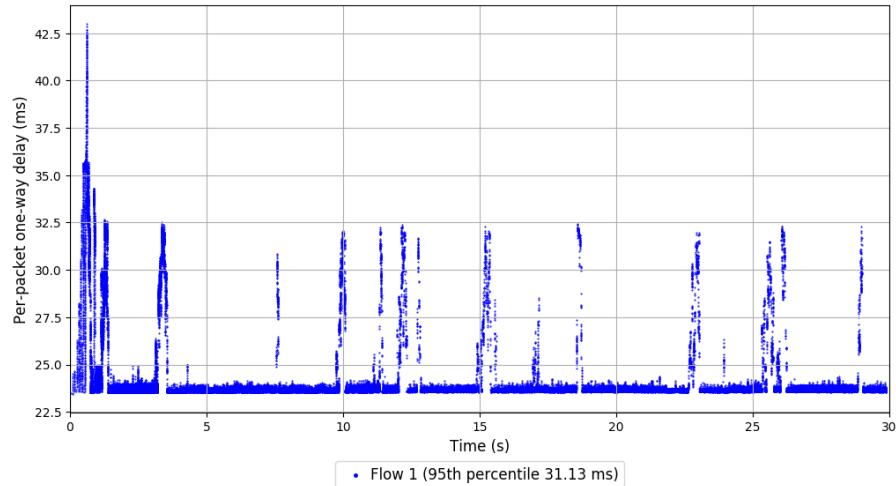
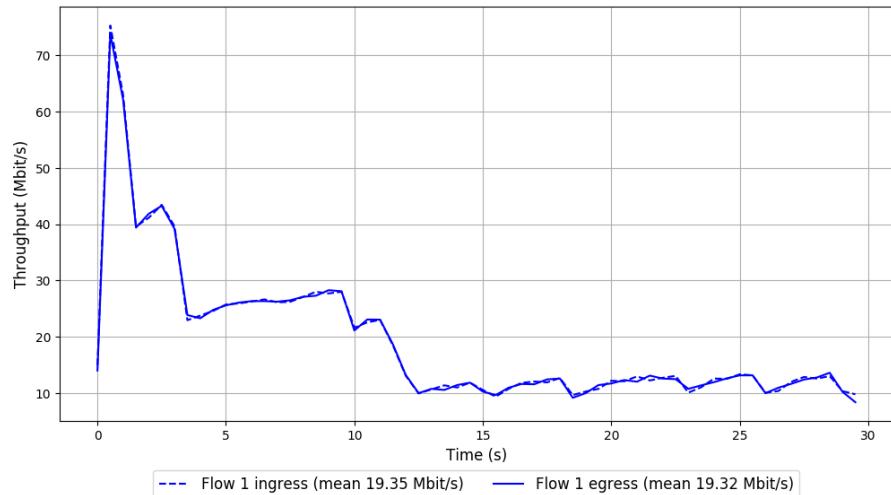


Run 10: Statistics of TCP Cubic

```
Start at: 2017-09-18 01:29:07
End at: 2017-09-18 01:29:37
Local clock offset: 0.465 ms
Remote clock offset: -0.198 ms

# Below is generated by plot.py at 2017-09-18 05:19:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.32 Mbit/s
95th percentile per-packet one-way delay: 31.134 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 19.32 Mbit/s
95th percentile per-packet one-way delay: 31.134 ms
Loss rate: 0.40%
```

### Run 10: Report of TCP Cubic — Data Link

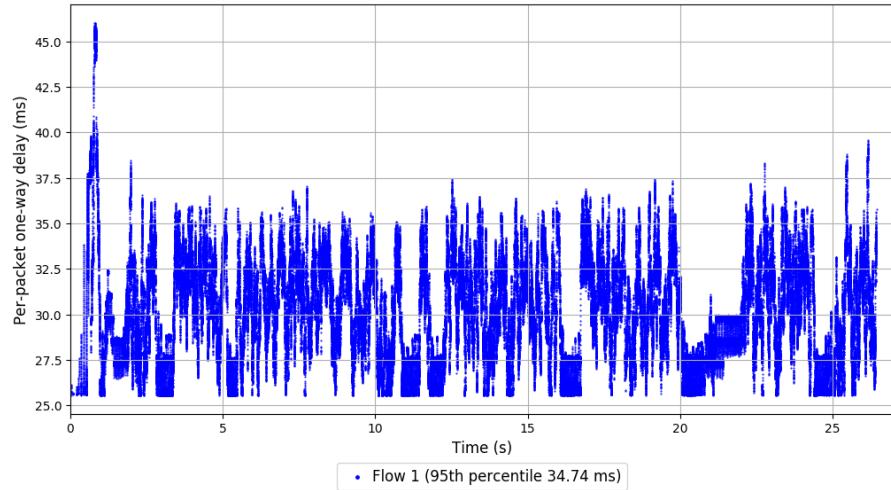
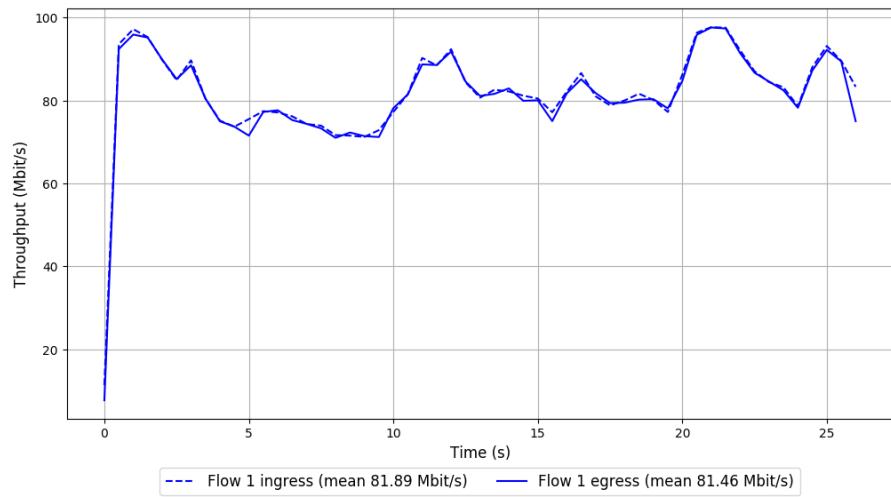


Run 1: Statistics of Indigo

```
Start at: 2017-09-17 22:14:17
End at: 2017-09-17 22:14:47
Local clock offset: -5.483 ms
Remote clock offset: -2.784 ms

# Below is generated by plot.py at 2017-09-18 05:19:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.46 Mbit/s
95th percentile per-packet one-way delay: 34.741 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 81.46 Mbit/s
95th percentile per-packet one-way delay: 34.741 ms
Loss rate: 0.79%
```

## Run 1: Report of Indigo — Data Link

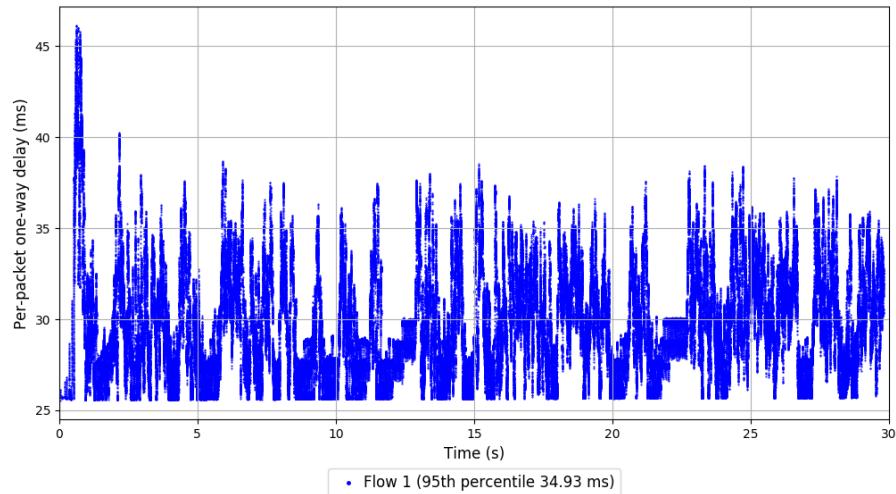
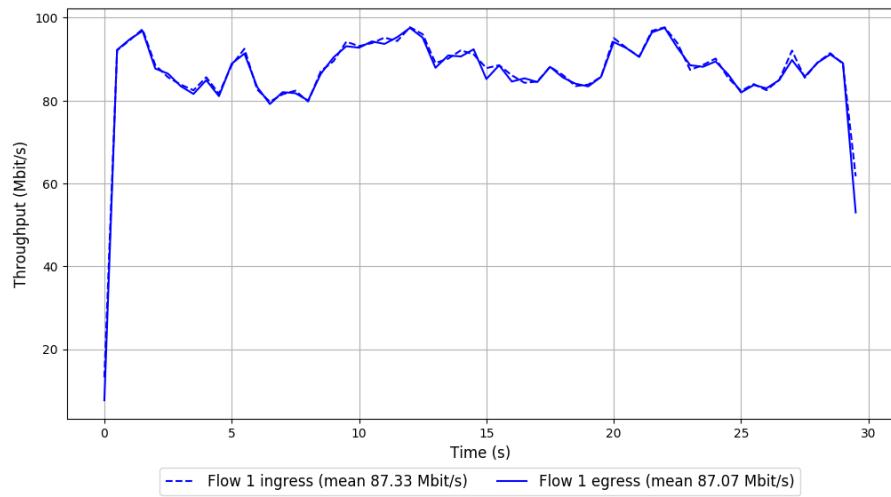


Run 2: Statistics of Indigo

```
Start at: 2017-09-17 22:35:12
End at: 2017-09-17 22:35:42
Local clock offset: -6.059 ms
Remote clock offset: -2.246 ms

# Below is generated by plot.py at 2017-09-18 05:19:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.07 Mbit/s
95th percentile per-packet one-way delay: 34.930 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 87.07 Mbit/s
95th percentile per-packet one-way delay: 34.930 ms
Loss rate: 0.54%
```

## Run 2: Report of Indigo — Data Link

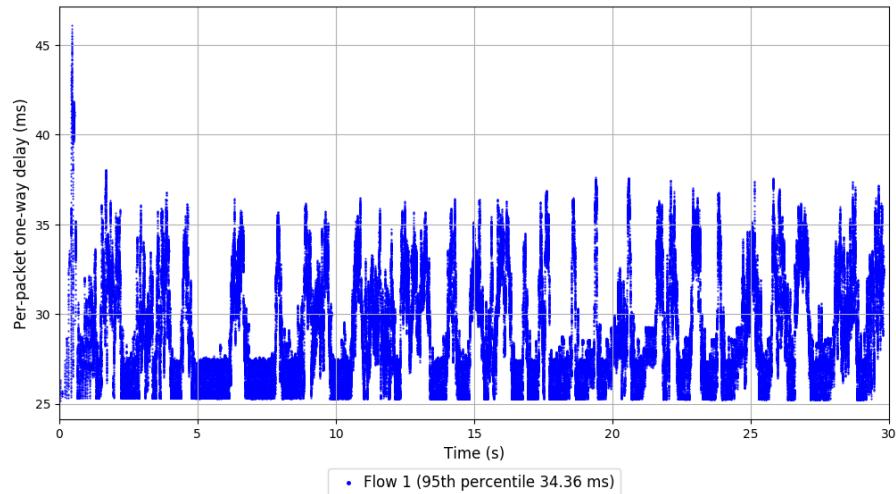
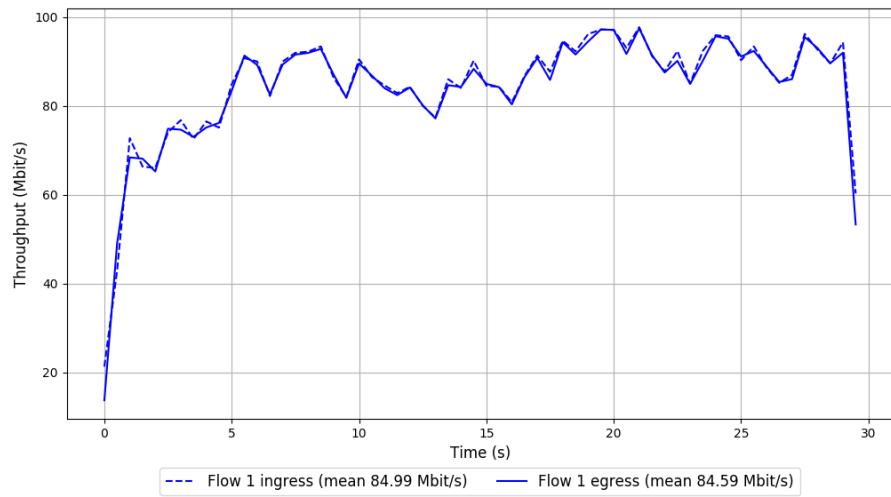


Run 3: Statistics of Indigo

```
Start at: 2017-09-17 22:56:01
End at: 2017-09-17 22:56:31
Local clock offset: -4.211 ms
Remote clock offset: -1.68 ms

# Below is generated by plot.py at 2017-09-18 05:19:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.59 Mbit/s
95th percentile per-packet one-way delay: 34.361 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 84.59 Mbit/s
95th percentile per-packet one-way delay: 34.361 ms
Loss rate: 0.71%
```

### Run 3: Report of Indigo — Data Link

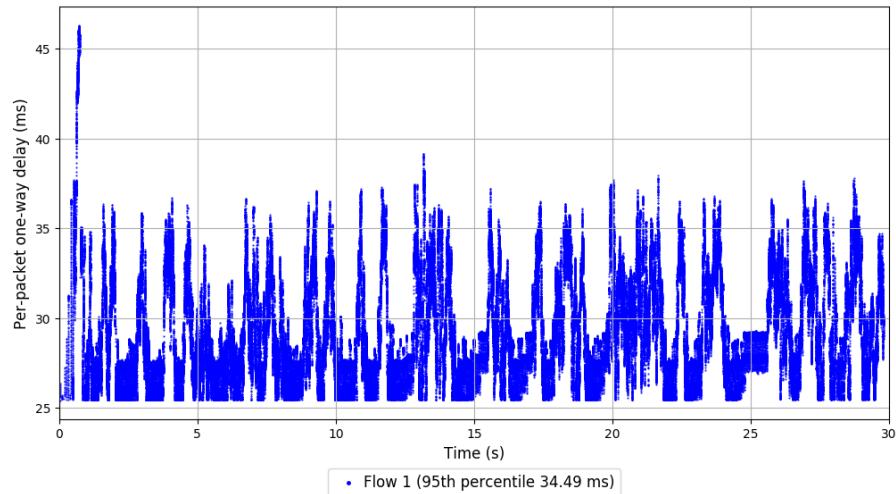
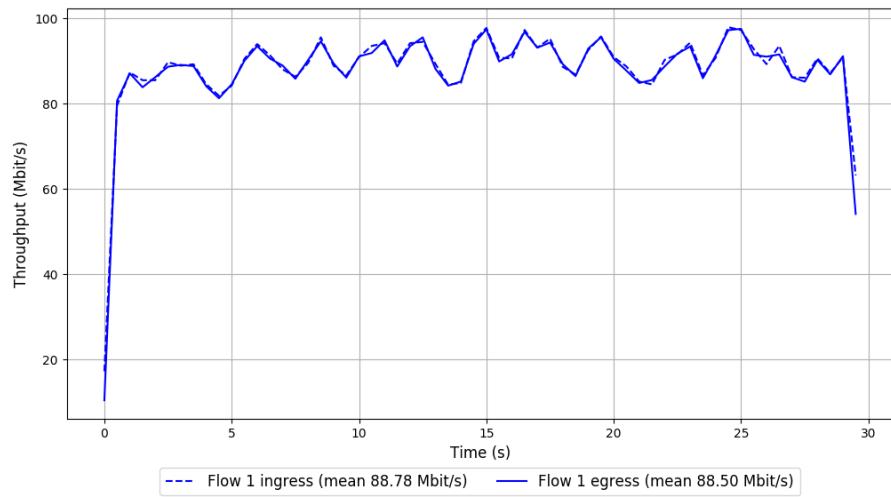


Run 4: Statistics of Indigo

```
Start at: 2017-09-17 23:16:18
End at: 2017-09-17 23:16:48
Local clock offset: 0.132 ms
Remote clock offset: -1.541 ms

# Below is generated by plot.py at 2017-09-18 05:19:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.50 Mbit/s
95th percentile per-packet one-way delay: 34.488 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 88.50 Mbit/s
95th percentile per-packet one-way delay: 34.488 ms
Loss rate: 0.56%
```

## Run 4: Report of Indigo — Data Link

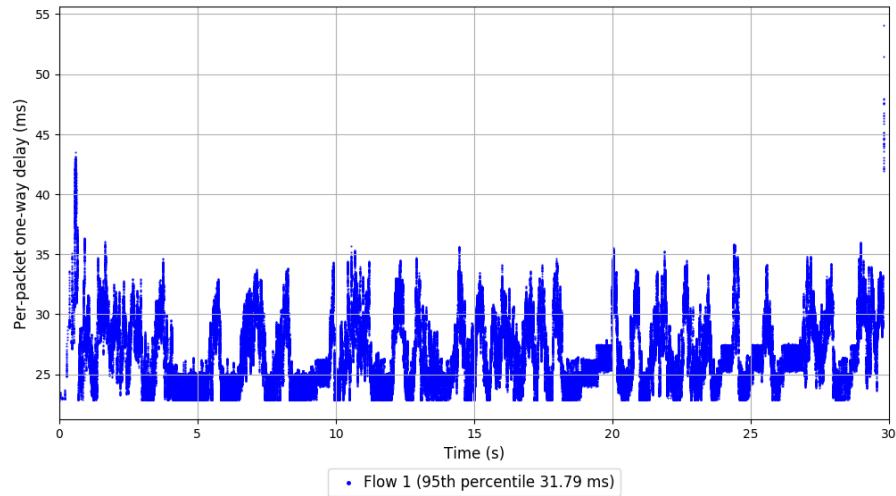
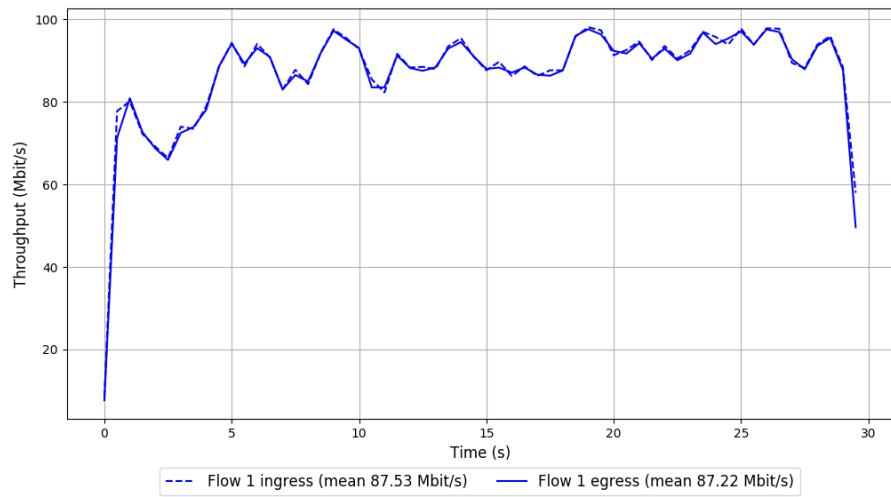


Run 5: Statistics of Indigo

```
Start at: 2017-09-17 23:37:07
End at: 2017-09-17 23:37:37
Local clock offset: 0.569 ms
Remote clock offset: 1.11 ms

# Below is generated by plot.py at 2017-09-18 05:20:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.22 Mbit/s
95th percentile per-packet one-way delay: 31.790 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 87.22 Mbit/s
95th percentile per-packet one-way delay: 31.790 ms
Loss rate: 0.57%
```

## Run 5: Report of Indigo — Data Link

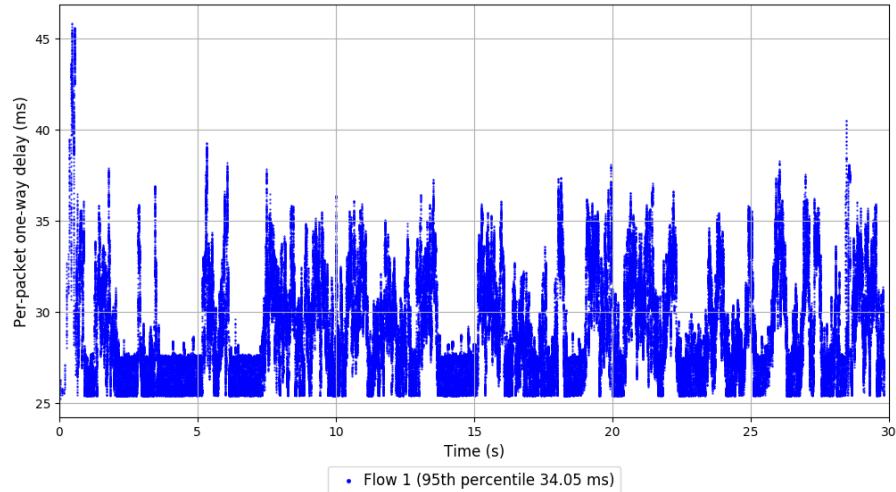
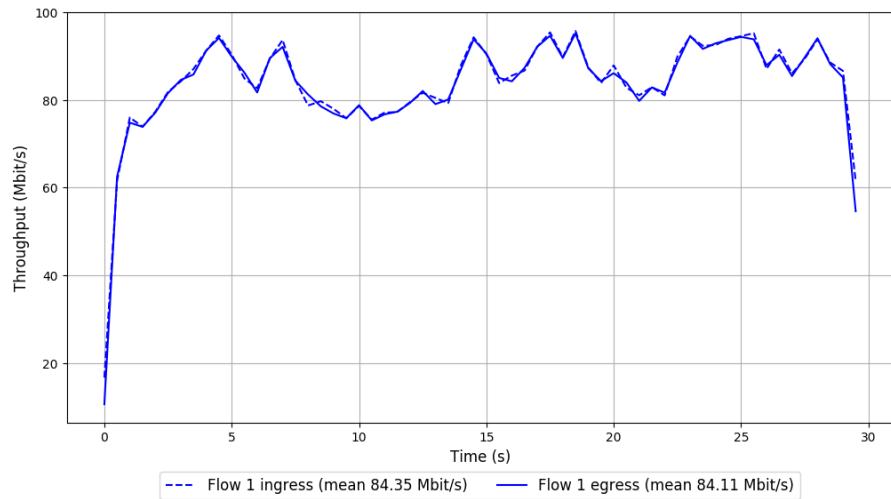


Run 6: Statistics of Indigo

```
Start at: 2017-09-17 23:57:49
End at: 2017-09-17 23:58:19
Local clock offset: 0.511 ms
Remote clock offset: -1.578 ms

# Below is generated by plot.py at 2017-09-18 05:20:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.11 Mbit/s
95th percentile per-packet one-way delay: 34.052 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 84.11 Mbit/s
95th percentile per-packet one-way delay: 34.052 ms
Loss rate: 0.52%
```

## Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2017-09-18 00:18:08

End at: 2017-09-18 00:18:38

Local clock offset: 0.465 ms

Remote clock offset: 0.772 ms

# Below is generated by plot.py at 2017-09-18 05:20:32

# Datalink statistics

-- Total of 1 flow:

Average throughput: 88.05 Mbit/s

95th percentile per-packet one-way delay: 32.038 ms

Loss rate: 0.58%

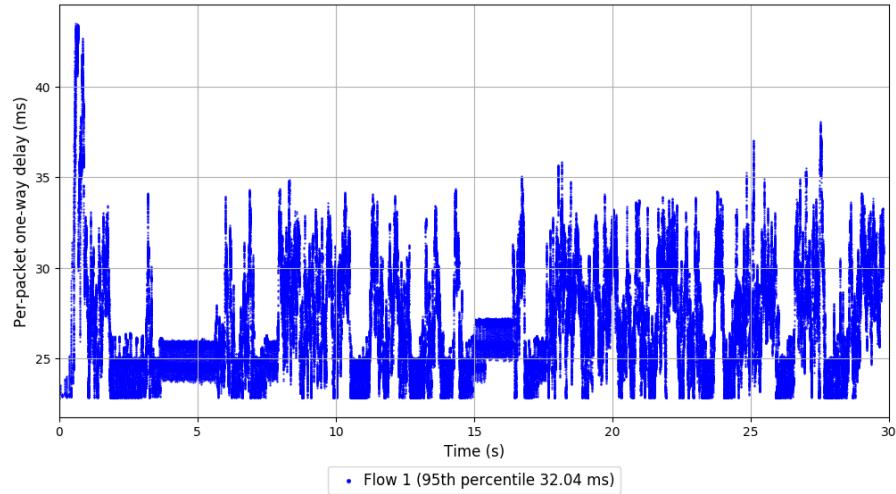
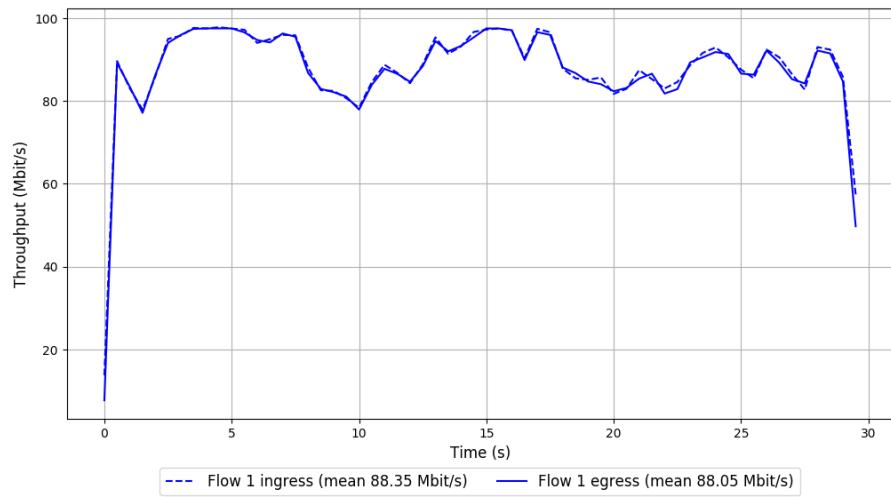
-- Flow 1:

Average throughput: 88.05 Mbit/s

95th percentile per-packet one-way delay: 32.038 ms

Loss rate: 0.58%

## Run 7: Report of Indigo — Data Link

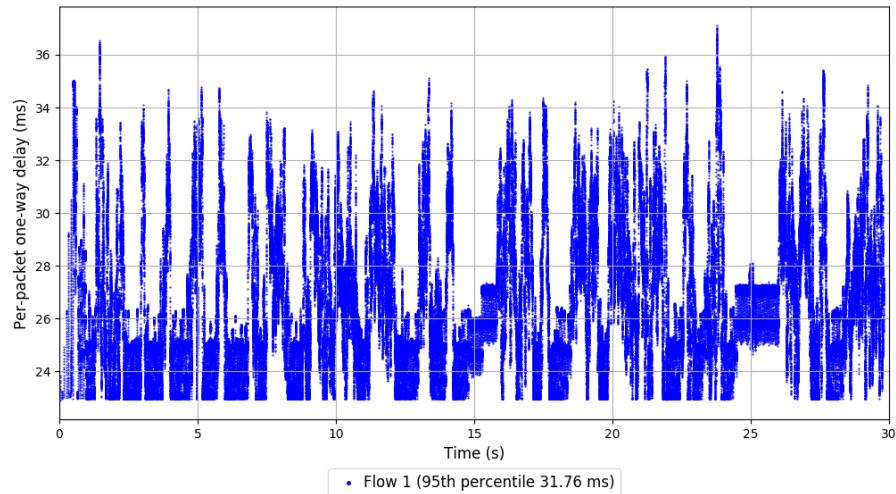
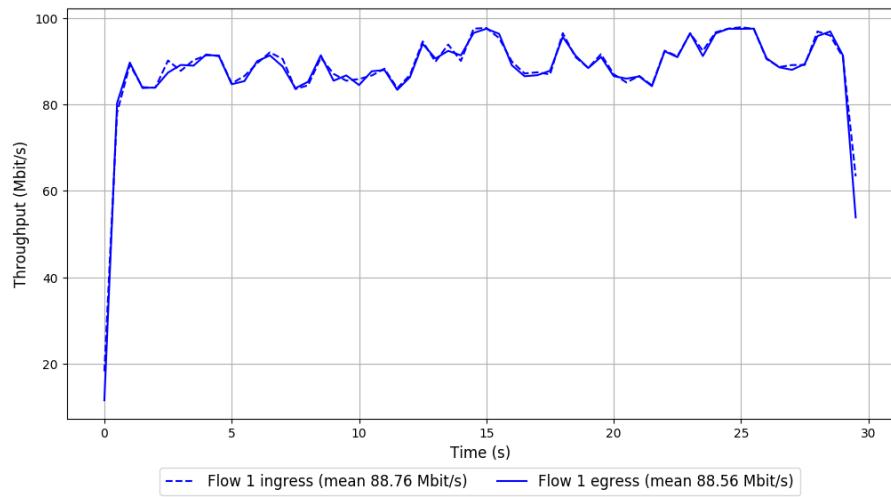


Run 8: Statistics of Indigo

```
Start at: 2017-09-18 00:38:22
End at: 2017-09-18 00:38:52
Local clock offset: 0.734 ms
Remote clock offset: 0.489 ms

# Below is generated by plot.py at 2017-09-18 05:20:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.56 Mbit/s
95th percentile per-packet one-way delay: 31.763 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 88.56 Mbit/s
95th percentile per-packet one-way delay: 31.763 ms
Loss rate: 0.48%
```

## Run 8: Report of Indigo — Data Link

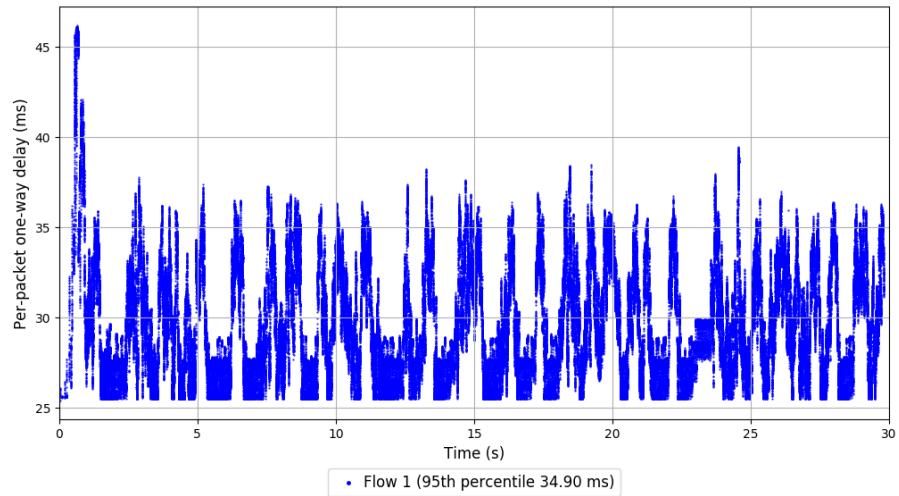
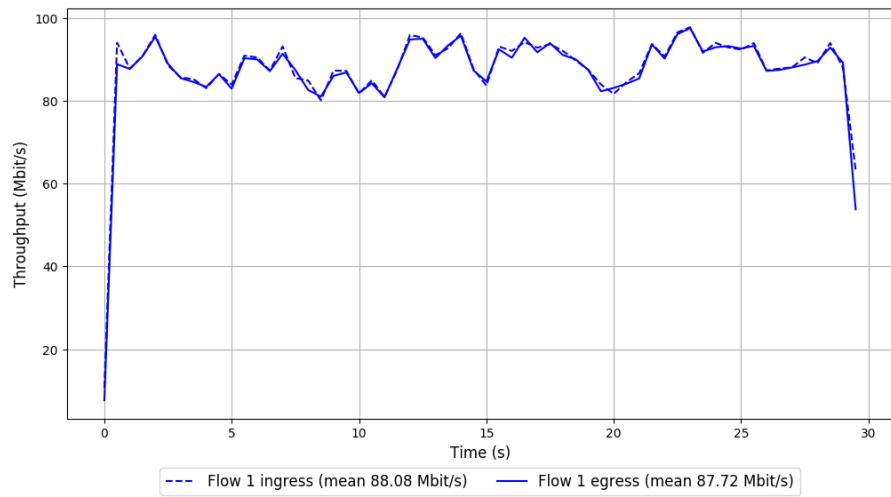


Run 9: Statistics of Indigo

```
Start at: 2017-09-18 00:58:47
End at: 2017-09-18 00:59:17
Local clock offset: 0.85 ms
Remote clock offset: -2.259 ms

# Below is generated by plot.py at 2017-09-18 05:20:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.72 Mbit/s
95th percentile per-packet one-way delay: 34.900 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 87.72 Mbit/s
95th percentile per-packet one-way delay: 34.900 ms
Loss rate: 0.64%
```

## Run 9: Report of Indigo — Data Link

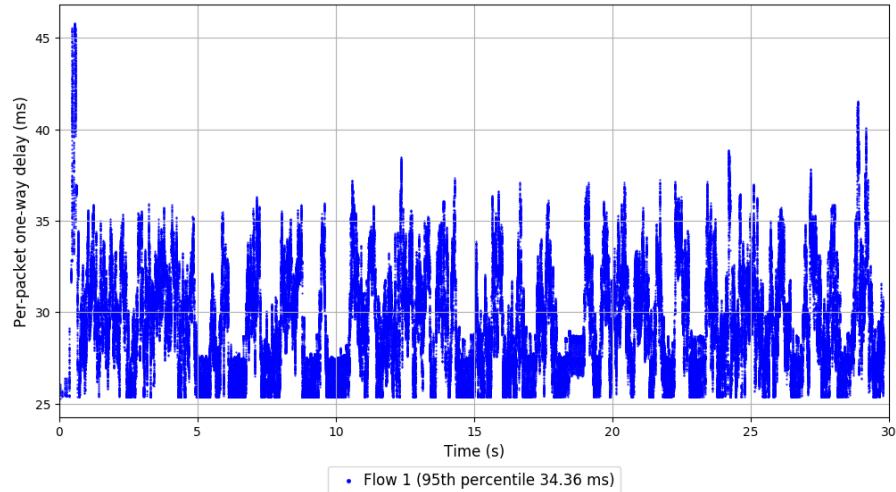
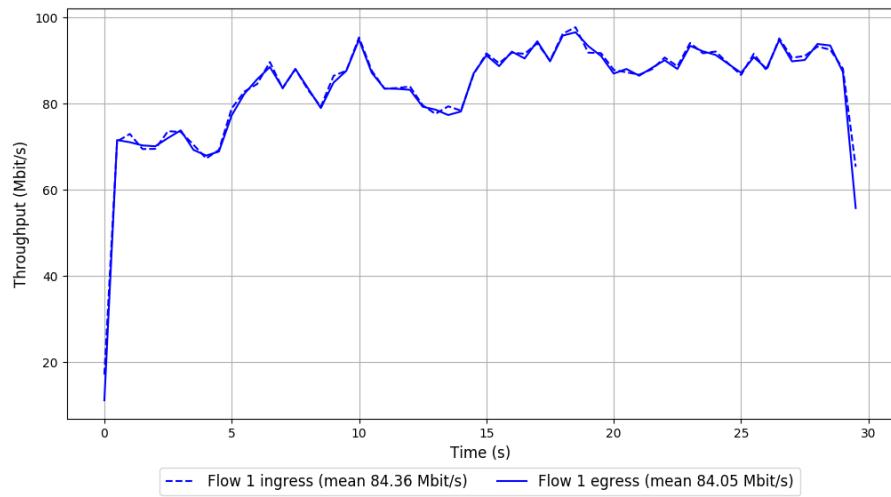


Run 10: Statistics of Indigo

```
Start at: 2017-09-18 01:19:33
End at: 2017-09-18 01:20:03
Local clock offset: 0.566 ms
Remote clock offset: -2.163 ms

# Below is generated by plot.py at 2017-09-18 05:21:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.05 Mbit/s
95th percentile per-packet one-way delay: 34.361 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 84.05 Mbit/s
95th percentile per-packet one-way delay: 34.361 ms
Loss rate: 0.61%
```

## Run 10: Report of Indigo — Data Link

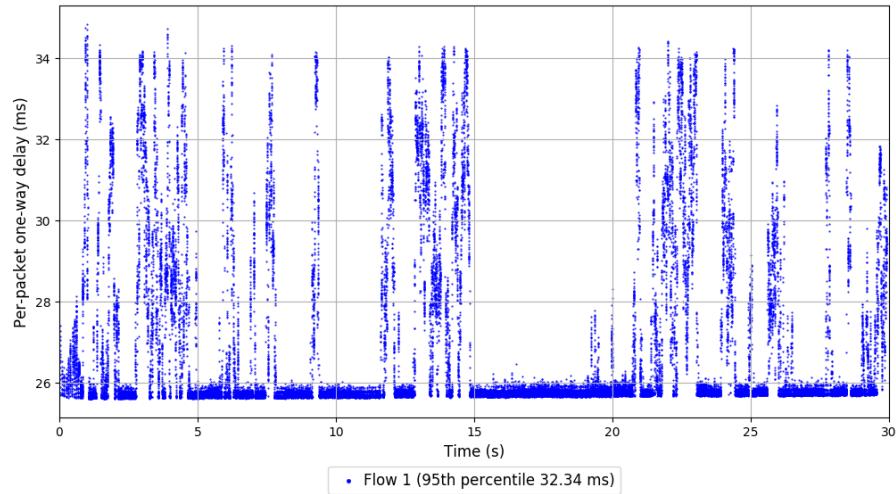
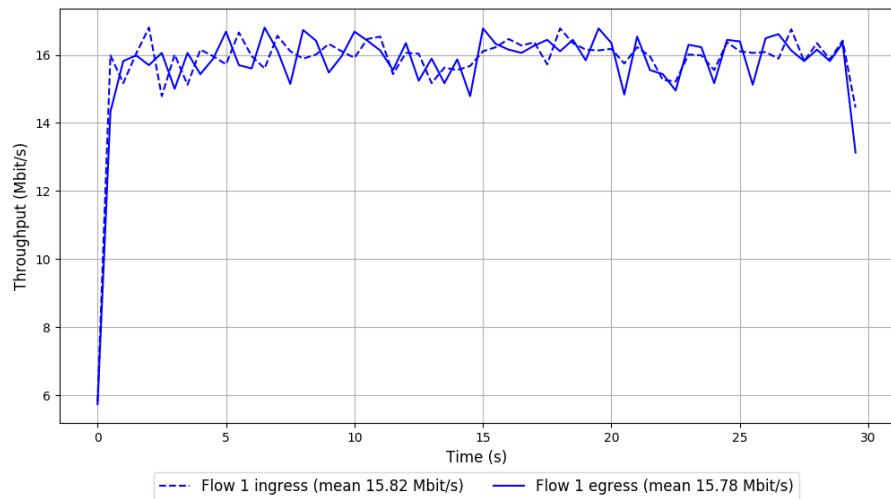


```
Run 1: Statistics of KohoCC

Start at: 2017-09-17 22:21:44
End at: 2017-09-17 22:22:14
Local clock offset: -5.331 ms
Remote clock offset: -2.594 ms

# Below is generated by plot.py at 2017-09-18 05:21:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.78 Mbit/s
95th percentile per-packet one-way delay: 32.342 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 15.78 Mbit/s
95th percentile per-packet one-way delay: 32.342 ms
Loss rate: 0.46%
```

Run 1: Report of KohoCC — Data Link

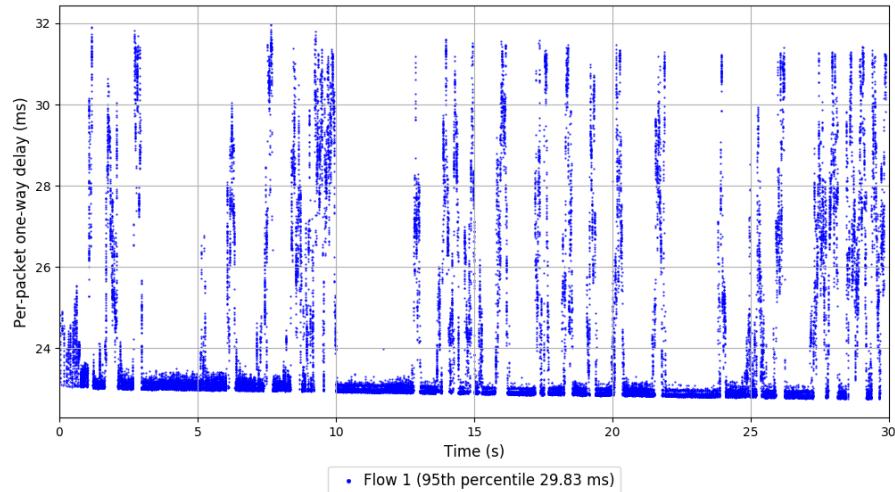
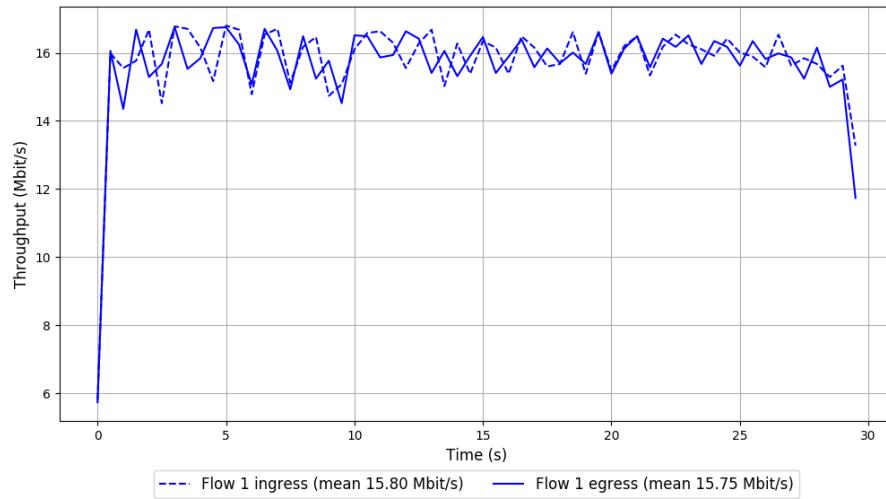


Run 2: Statistics of KohoCC

```
Start at: 2017-09-17 22:42:29
End at: 2017-09-17 22:42:59
Local clock offset: -8.312 ms
Remote clock offset: 0.407 ms

# Below is generated by plot.py at 2017-09-18 05:21:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.75 Mbit/s
95th percentile per-packet one-way delay: 29.829 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 15.75 Mbit/s
95th percentile per-packet one-way delay: 29.829 ms
Loss rate: 0.53%
```

Run 2: Report of KohoCC — Data Link

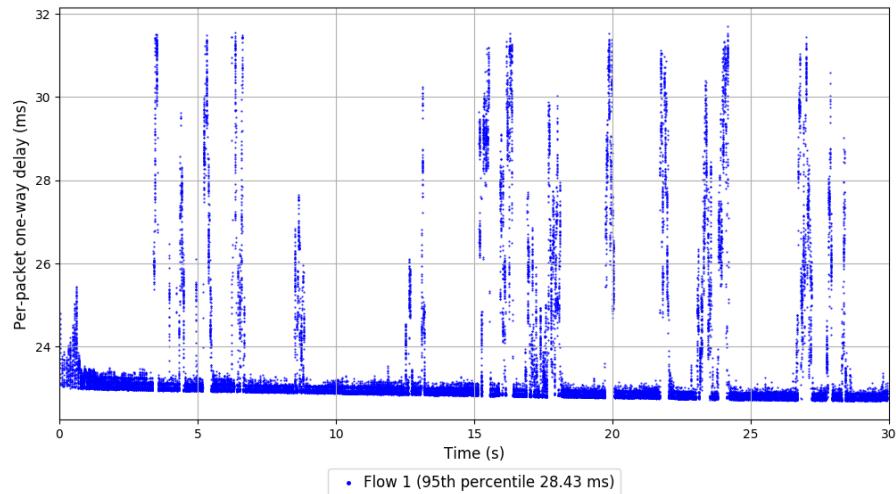
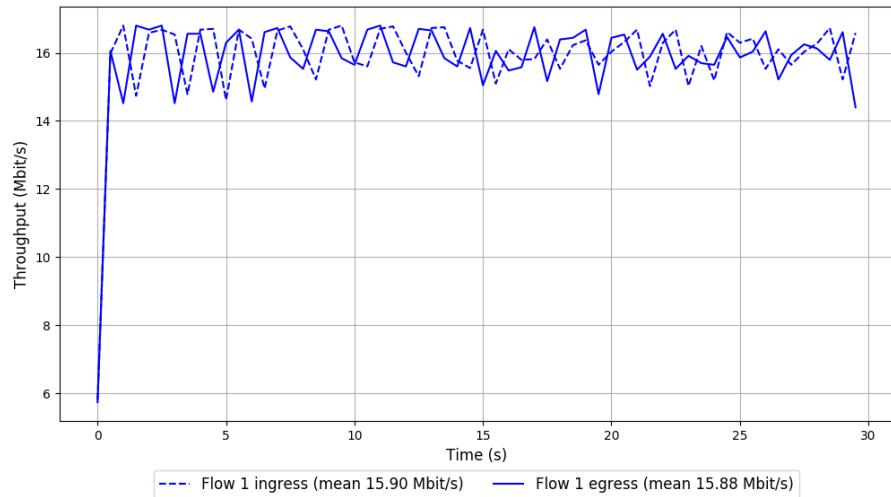


Run 3: Statistics of KohoCC

```
Start at: 2017-09-17 23:02:53
End at: 2017-09-17 23:03:23
Local clock offset: 0.5 ms
Remote clock offset: 0.573 ms

# Below is generated by plot.py at 2017-09-18 05:21:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.88 Mbit/s
95th percentile per-packet one-way delay: 28.426 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 15.88 Mbit/s
95th percentile per-packet one-way delay: 28.426 ms
Loss rate: 0.39%
```

Run 3: Report of KohoCC — Data Link

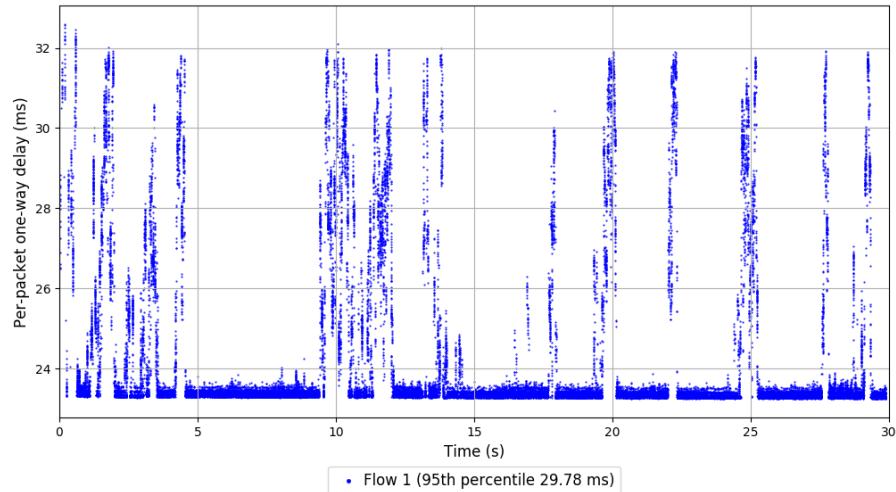
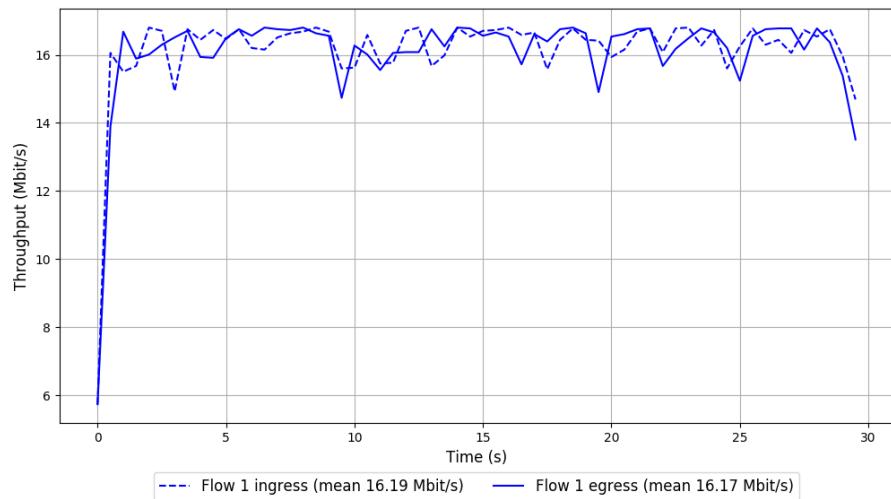


Run 4: Statistics of KohoCC

```
Start at: 2017-09-17 23:23:36
End at: 2017-09-17 23:24:06
Local clock offset: 0.333 ms
Remote clock offset: 0.59 ms

# Below is generated by plot.py at 2017-09-18 05:21:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.17 Mbit/s
95th percentile per-packet one-way delay: 29.776 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 16.17 Mbit/s
95th percentile per-packet one-way delay: 29.776 ms
Loss rate: 0.40%
```

Run 4: Report of KohoCC — Data Link

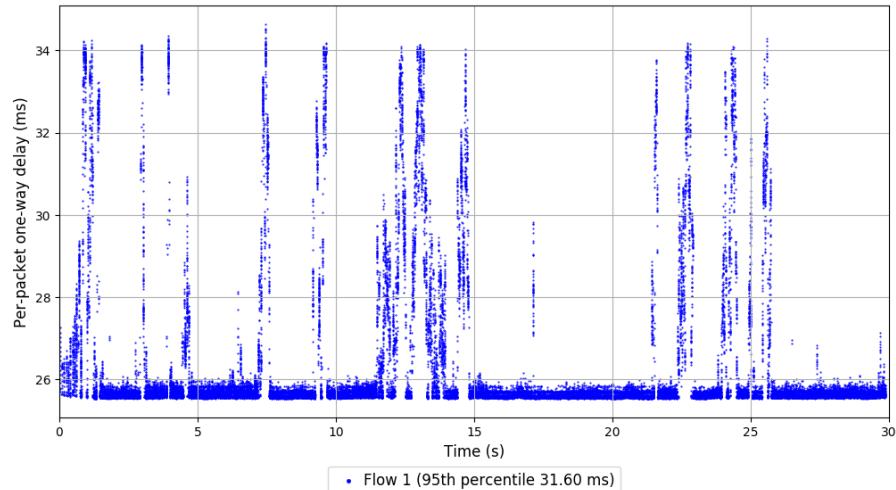
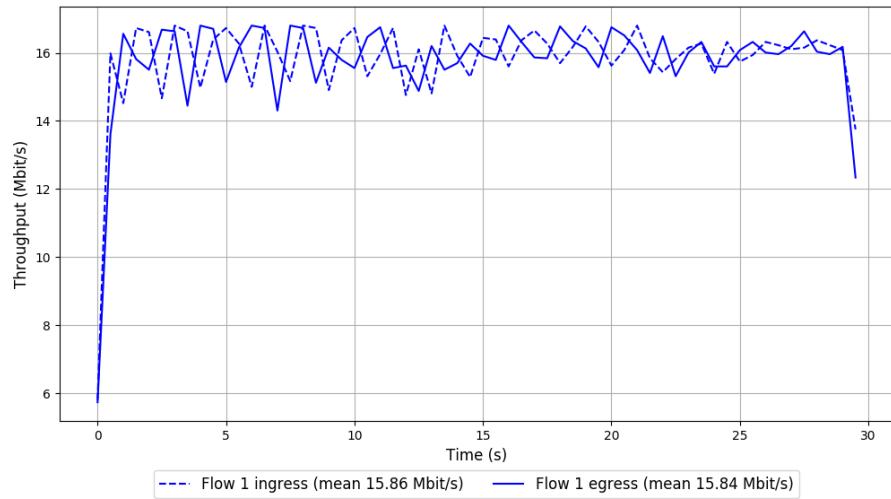


Run 5: Statistics of KohoCC

```
Start at: 2017-09-17 23:44:25
End at: 2017-09-17 23:44:55
Local clock offset: 0.787 ms
Remote clock offset: -1.467 ms

# Below is generated by plot.py at 2017-09-18 05:21:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.84 Mbit/s
95th percentile per-packet one-way delay: 31.604 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 15.84 Mbit/s
95th percentile per-packet one-way delay: 31.604 ms
Loss rate: 0.40%
```

Run 5: Report of KohoCC — Data Link

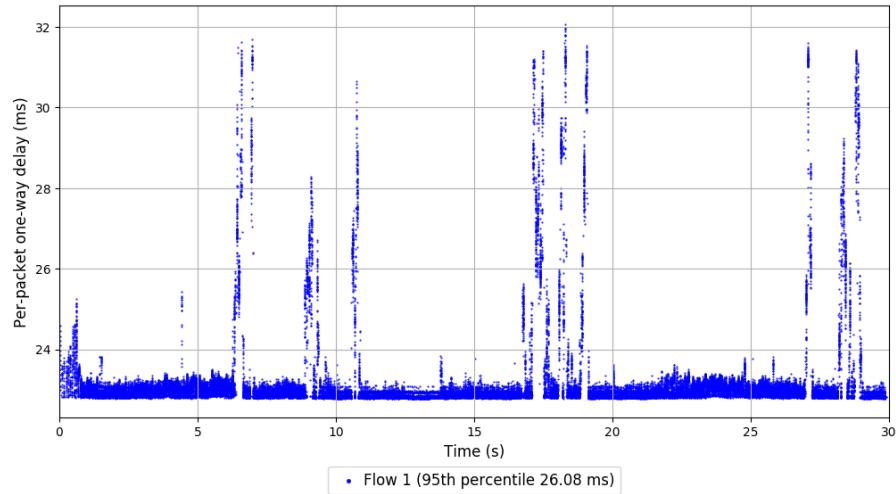
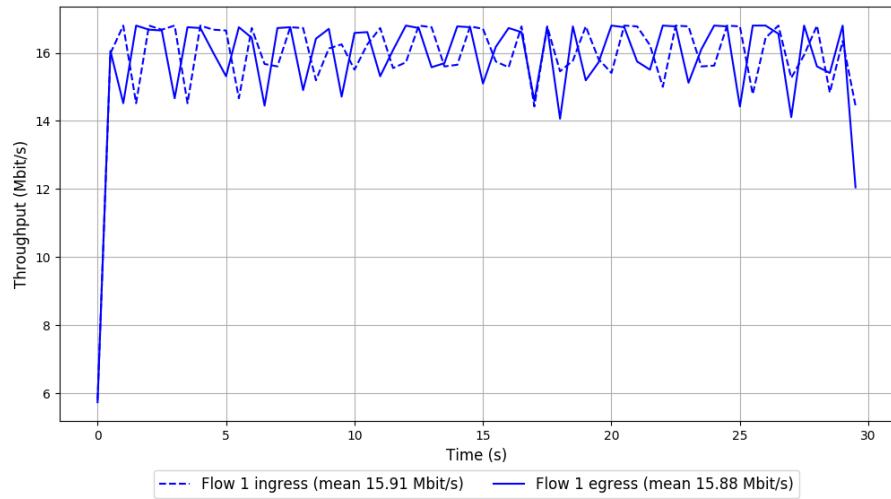


Run 6: Statistics of KohoCC

```
Start at: 2017-09-18 00:04:51
End at: 2017-09-18 00:05:21
Local clock offset: 0.458 ms
Remote clock offset: 1.099 ms

# Below is generated by plot.py at 2017-09-18 05:21:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.88 Mbit/s
95th percentile per-packet one-way delay: 26.078 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 15.88 Mbit/s
95th percentile per-packet one-way delay: 26.078 ms
Loss rate: 0.44%
```

Run 6: Report of KohoCC — Data Link



Run 7: Statistics of KohoCC

Start at: 2017-09-18 00:25:11

End at: 2017-09-18 00:25:41

Local clock offset: 0.459 ms

Remote clock offset: 0.124 ms

# Below is generated by plot.py at 2017-09-18 05:21:08

# Datalink statistics

-- Total of 1 flow:

Average throughput: 15.99 Mbit/s

95th percentile per-packet one-way delay: 27.129 ms

Loss rate: 0.33%

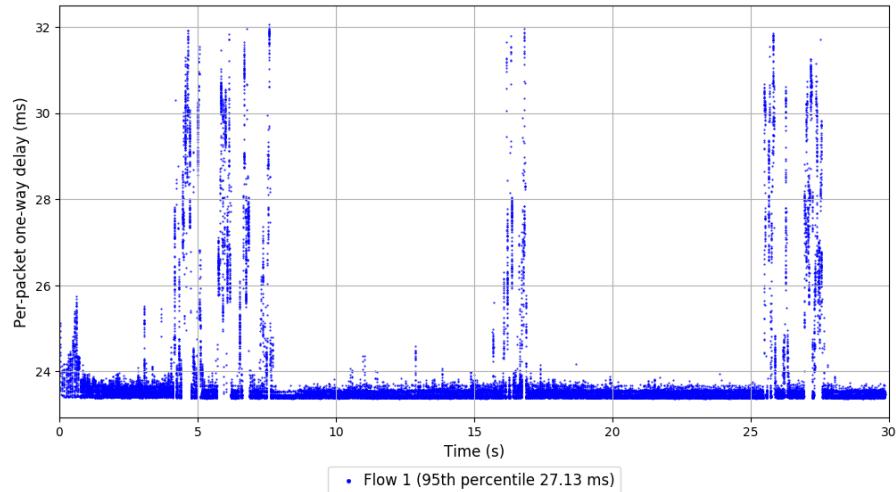
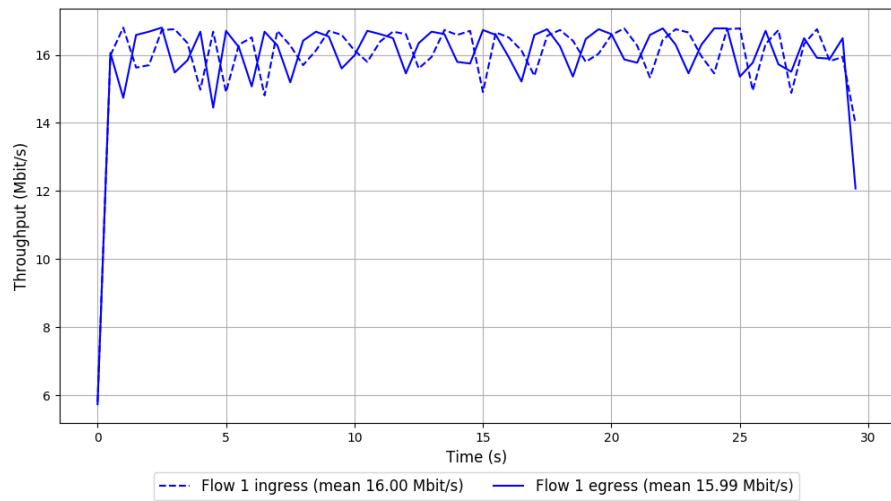
-- Flow 1:

Average throughput: 15.99 Mbit/s

95th percentile per-packet one-way delay: 27.129 ms

Loss rate: 0.33%

Run 7: Report of KohoCC — Data Link

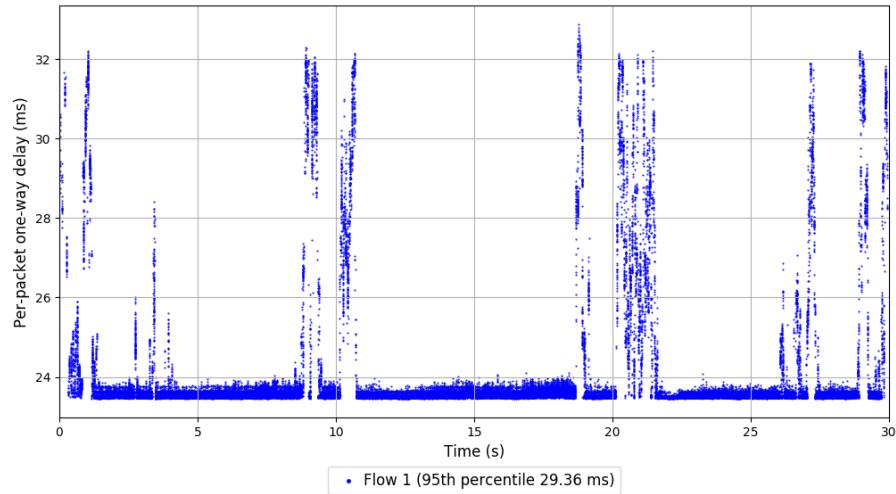
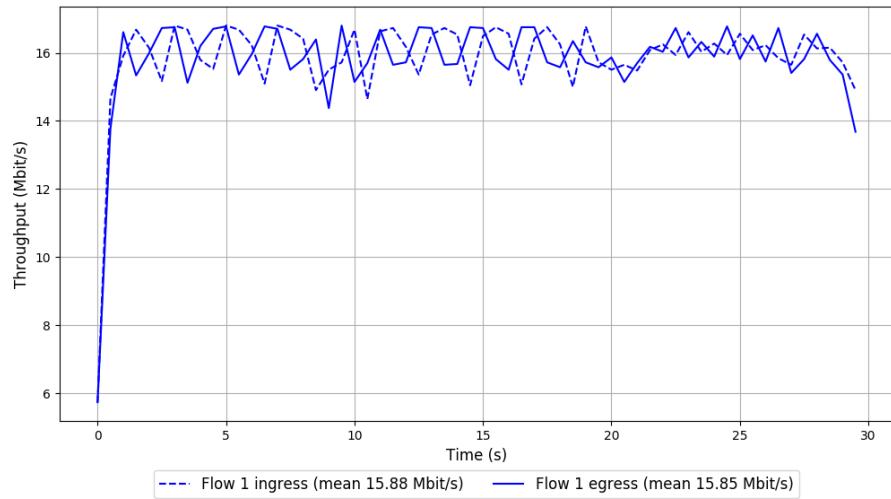


Run 8: Statistics of KohoCC

```
Start at: 2017-09-18 00:45:26
End at: 2017-09-18 00:45:56
Local clock offset: 0.801 ms
Remote clock offset: -0.1 ms

# Below is generated by plot.py at 2017-09-18 05:21:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.85 Mbit/s
95th percentile per-packet one-way delay: 29.358 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 15.85 Mbit/s
95th percentile per-packet one-way delay: 29.358 ms
Loss rate: 0.43%
```

Run 8: Report of KohoCC — Data Link

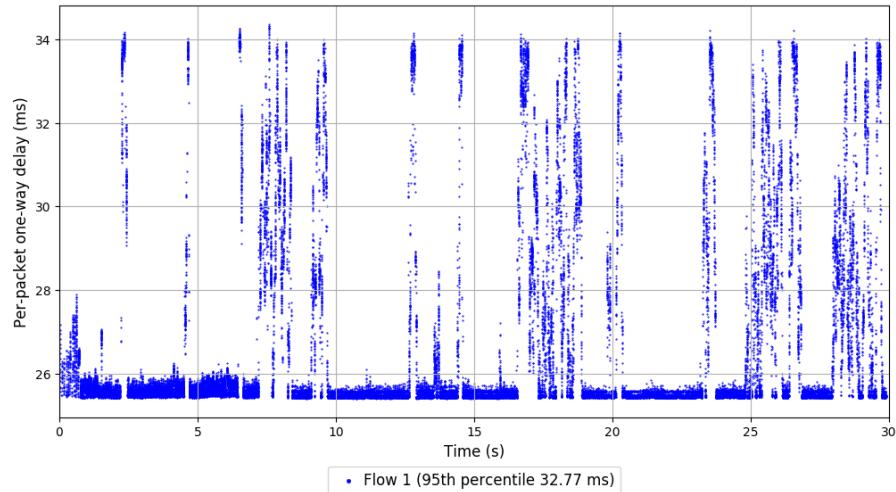
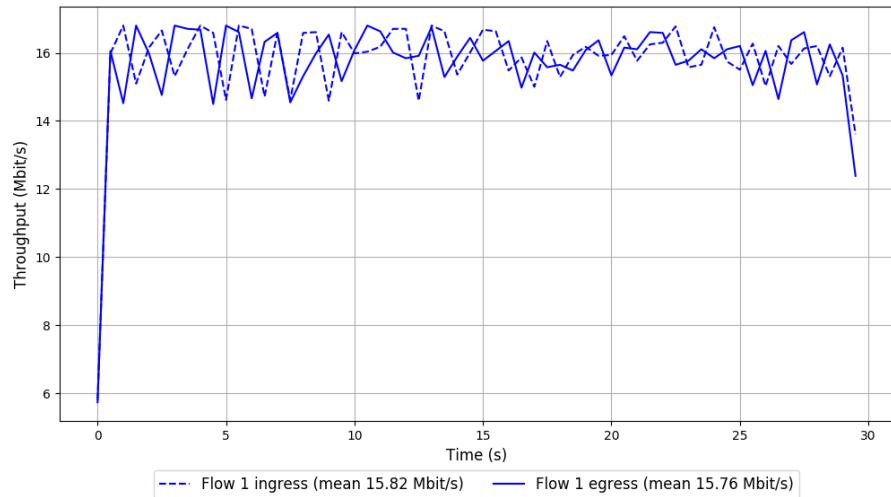


Run 9: Statistics of KohoCC

```
Start at: 2017-09-18 01:06:10
End at: 2017-09-18 01:06:40
Local clock offset: 0.822 ms
Remote clock offset: -2.126 ms

# Below is generated by plot.py at 2017-09-18 05:21:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.76 Mbit/s
95th percentile per-packet one-way delay: 32.772 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 15.76 Mbit/s
95th percentile per-packet one-way delay: 32.772 ms
Loss rate: 0.65%
```

Run 9: Report of KohoCC — Data Link

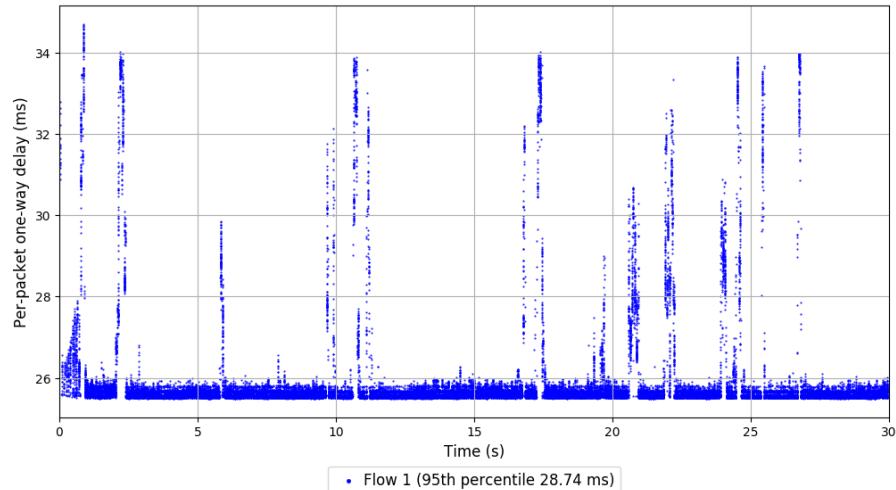
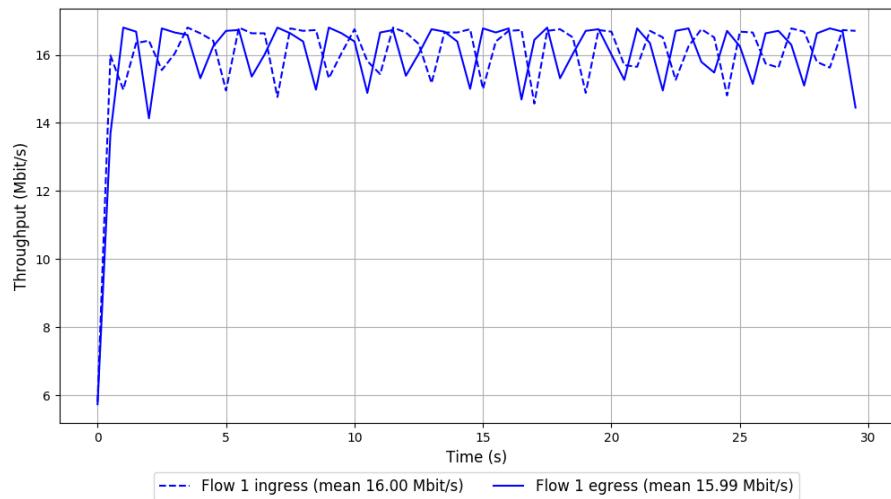


Run 10: Statistics of KohoCC

```
Start at: 2017-09-18 01:26:30
End at: 2017-09-18 01:27:00
Local clock offset: 0.481 ms
Remote clock offset: -2.176 ms

# Below is generated by plot.py at 2017-09-18 05:21:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.99 Mbit/s
95th percentile per-packet one-way delay: 28.738 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 15.99 Mbit/s
95th percentile per-packet one-way delay: 28.738 ms
Loss rate: 0.33%
```

Run 10: Report of KohoCC — Data Link

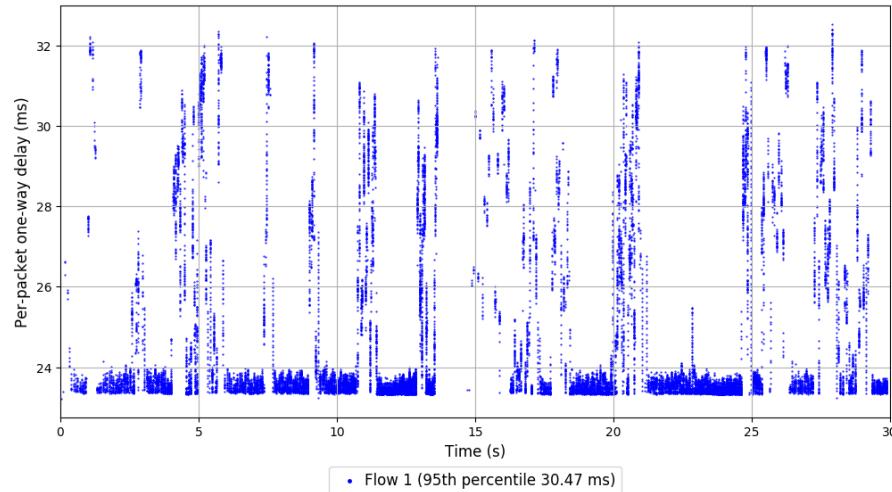
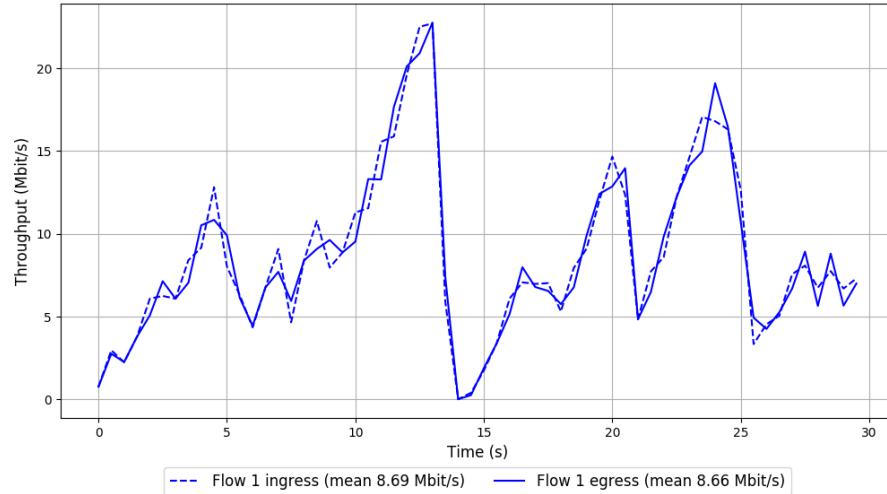


```
Run 1: Statistics of LEDBAT

Start at: 2017-09-17 22:28:20
End at: 2017-09-17 22:28:50
Local clock offset: -5.563 ms
Remote clock offset: -0.411 ms

# Below is generated by plot.py at 2017-09-18 05:21:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.66 Mbit/s
95th percentile per-packet one-way delay: 30.468 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 8.66 Mbit/s
95th percentile per-packet one-way delay: 30.468 ms
Loss rate: 0.59%
```

Run 1: Report of LEDBAT — Data Link

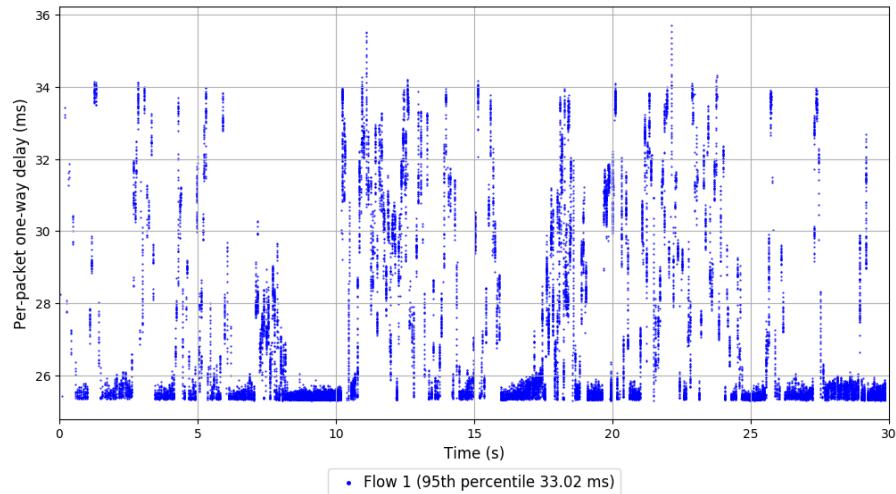
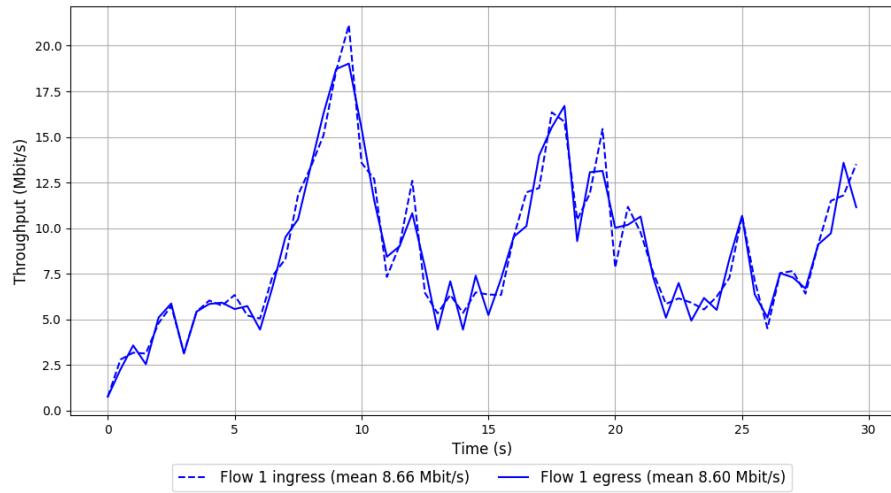


Run 2: Statistics of LEDBAT

```
Start at: 2017-09-17 22:49:05
End at: 2017-09-17 22:49:35
Local clock offset: -6.272 ms
Remote clock offset: -1.818 ms

# Below is generated by plot.py at 2017-09-18 05:21:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.60 Mbit/s
95th percentile per-packet one-way delay: 33.025 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 8.60 Mbit/s
95th percentile per-packet one-way delay: 33.025 ms
Loss rate: 0.92%
```

Run 2: Report of LEDBAT — Data Link

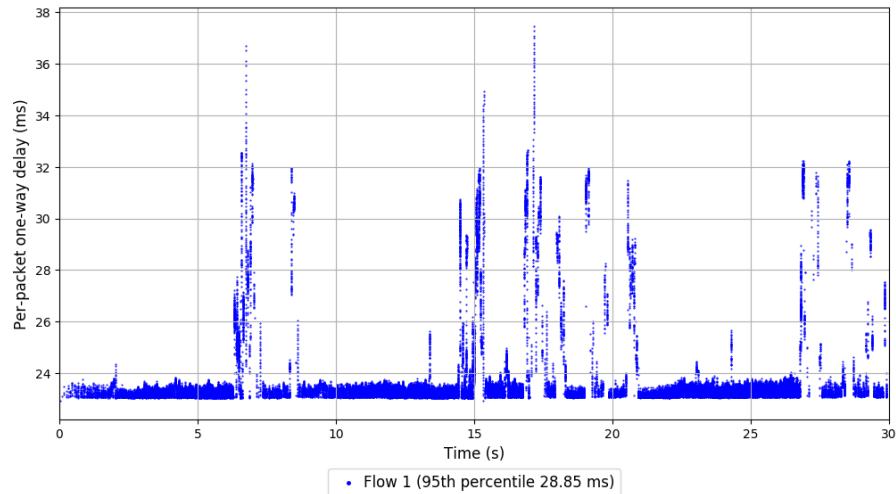
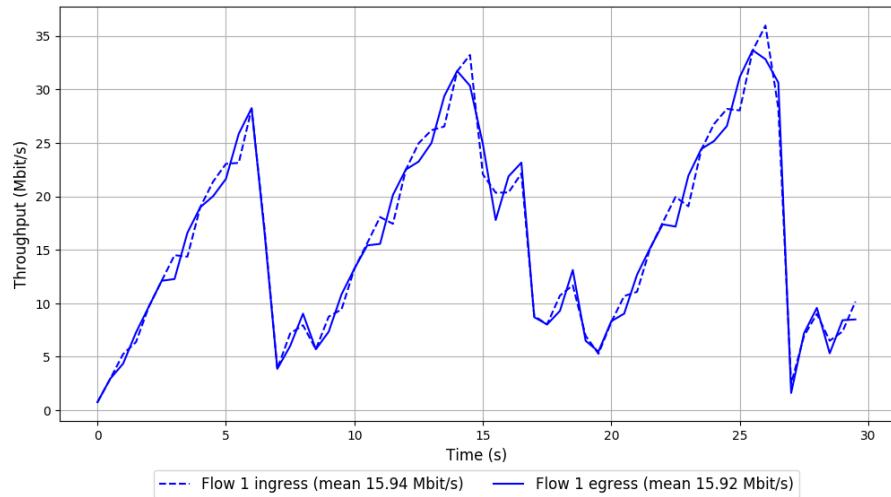


Run 3: Statistics of LEDBAT

```
Start at: 2017-09-17 23:09:25
End at: 2017-09-17 23:09:55
Local clock offset: 0.626 ms
Remote clock offset: 1.068 ms

# Below is generated by plot.py at 2017-09-18 05:21:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.92 Mbit/s
95th percentile per-packet one-way delay: 28.854 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 15.92 Mbit/s
95th percentile per-packet one-way delay: 28.854 ms
Loss rate: 0.36%
```

### Run 3: Report of LEDBAT — Data Link

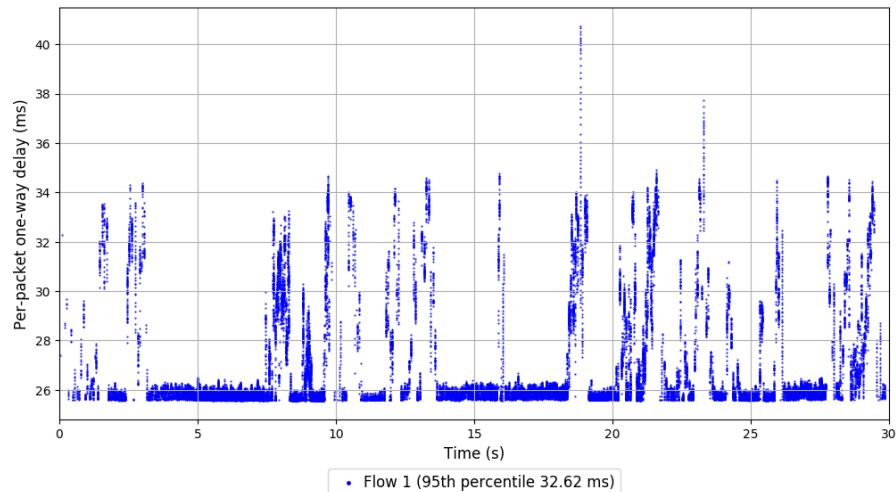
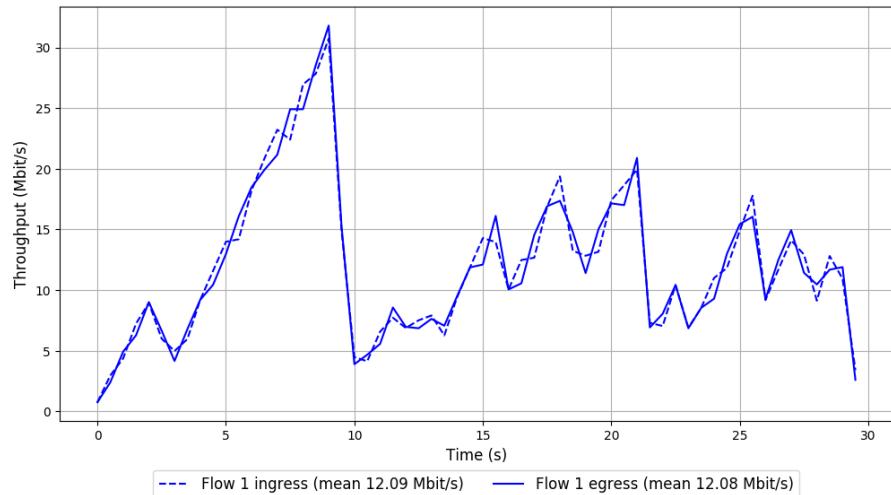


Run 4: Statistics of LEDBAT

```
Start at: 2017-09-17 23:30:15
End at: 2017-09-17 23:30:45
Local clock offset: 0.746 ms
Remote clock offset: -1.556 ms

# Below is generated by plot.py at 2017-09-18 05:21:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.08 Mbit/s
95th percentile per-packet one-way delay: 32.618 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 12.08 Mbit/s
95th percentile per-packet one-way delay: 32.618 ms
Loss rate: 0.32%
```

Run 4: Report of LEDBAT — Data Link

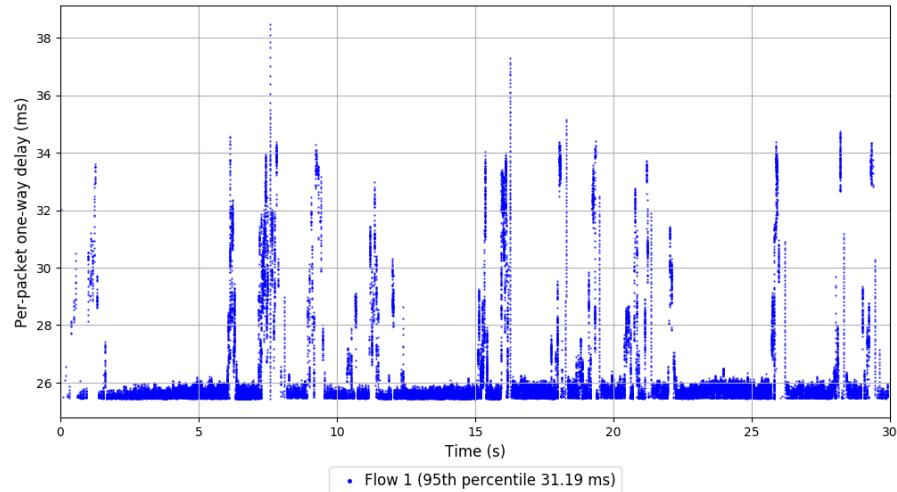
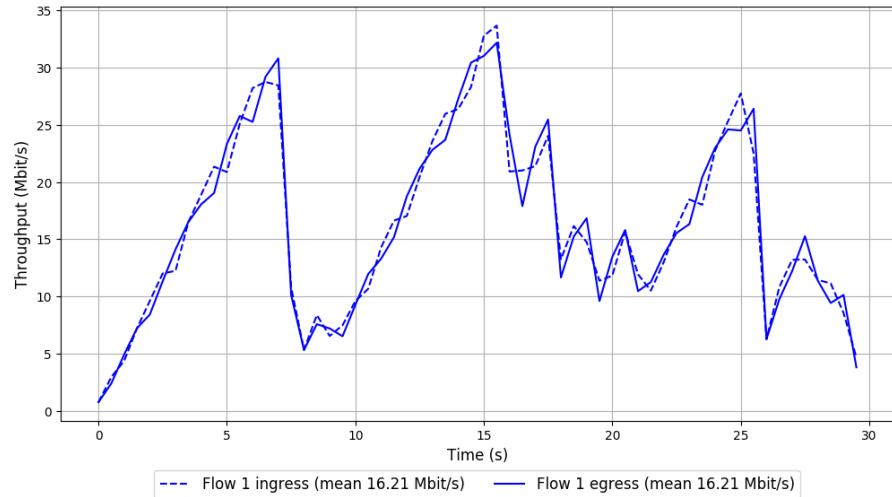


Run 5: Statistics of LEDBAT

```
Start at: 2017-09-17 23:50:59
End at: 2017-09-17 23:51:29
Local clock offset: 0.653 ms
Remote clock offset: -1.535 ms

# Below is generated by plot.py at 2017-09-18 05:21:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.21 Mbit/s
95th percentile per-packet one-way delay: 31.194 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 16.21 Mbit/s
95th percentile per-packet one-way delay: 31.194 ms
Loss rate: 0.28%
```

## Run 5: Report of LEDBAT — Data Link

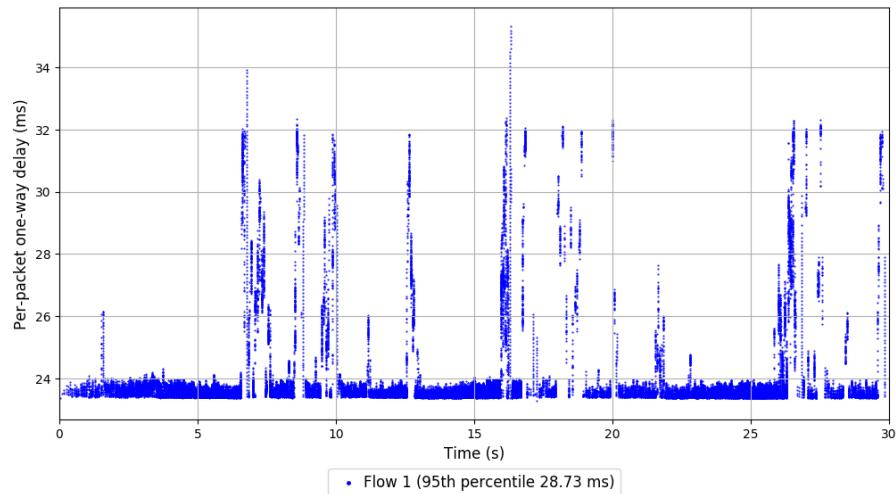
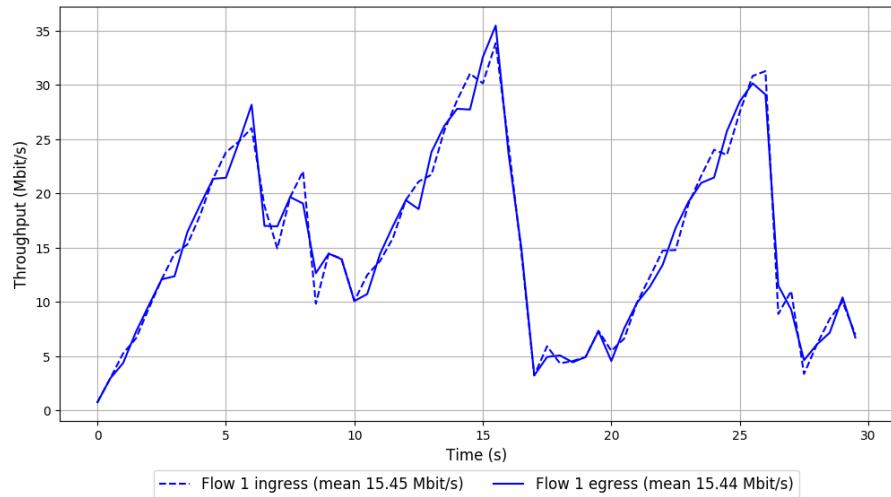


Run 6: Statistics of LEDBAT

```
Start at: 2017-09-18 00:11:20
End at: 2017-09-18 00:11:50
Local clock offset: 0.321 ms
Remote clock offset: 0.426 ms

# Below is generated by plot.py at 2017-09-18 05:21:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.44 Mbit/s
95th percentile per-packet one-way delay: 28.727 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 15.44 Mbit/s
95th percentile per-packet one-way delay: 28.727 ms
Loss rate: 0.34%
```

Run 6: Report of LEDBAT — Data Link

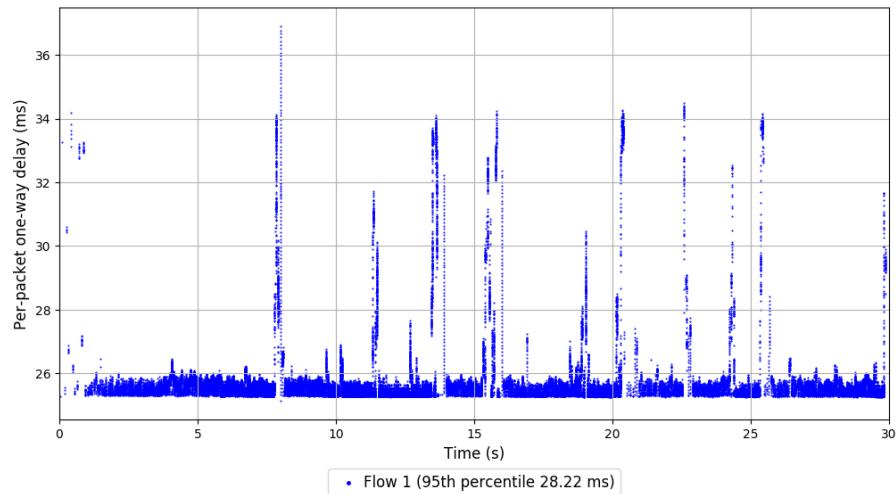
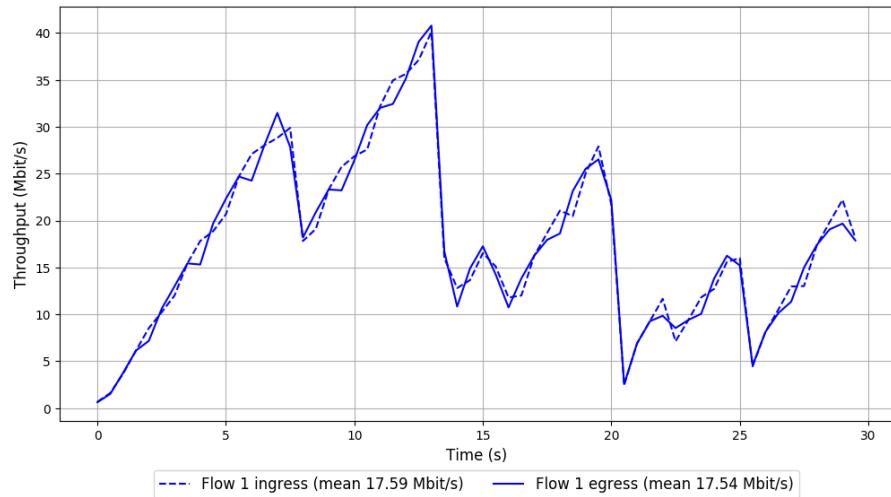


Run 7: Statistics of LEDBAT

```
Start at: 2017-09-18 00:31:40
End at: 2017-09-18 00:32:10
Local clock offset: 0.539 ms
Remote clock offset: -1.844 ms

# Below is generated by plot.py at 2017-09-18 05:21:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.54 Mbit/s
95th percentile per-packet one-way delay: 28.223 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 17.54 Mbit/s
95th percentile per-packet one-way delay: 28.223 ms
Loss rate: 0.54%
```

Run 7: Report of LEDBAT — Data Link

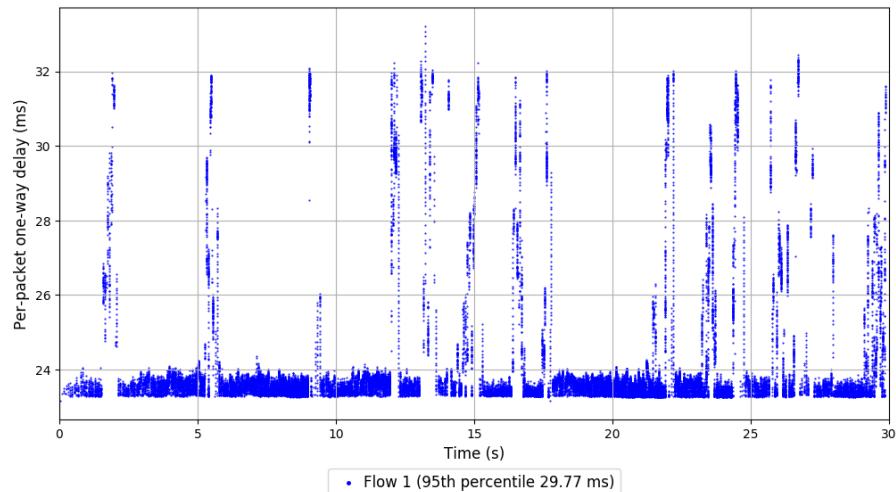
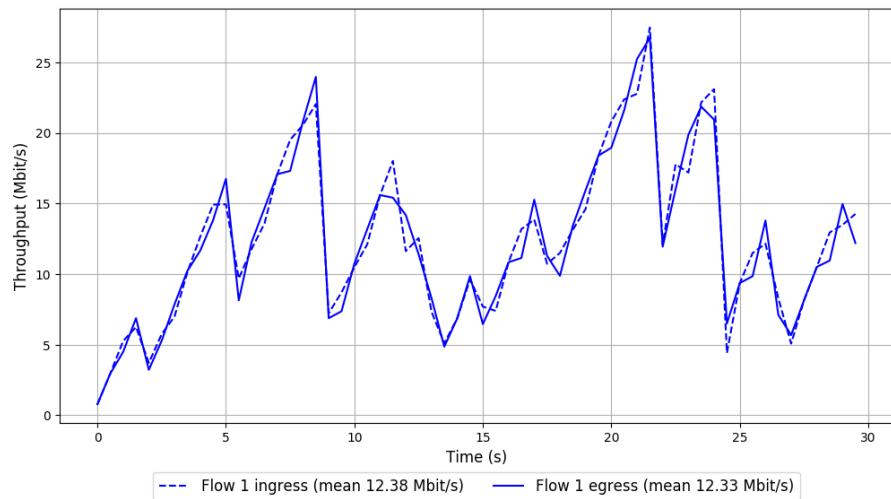


Run 8: Statistics of LEDBAT

```
Start at: 2017-09-18 00:52:02
End at: 2017-09-18 00:52:32
Local clock offset: 0.759 ms
Remote clock offset: -0.078 ms

# Below is generated by plot.py at 2017-09-18 05:21:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.33 Mbit/s
95th percentile per-packet one-way delay: 29.775 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 12.33 Mbit/s
95th percentile per-packet one-way delay: 29.775 ms
Loss rate: 0.66%
```

Run 8: Report of LEDBAT — Data Link

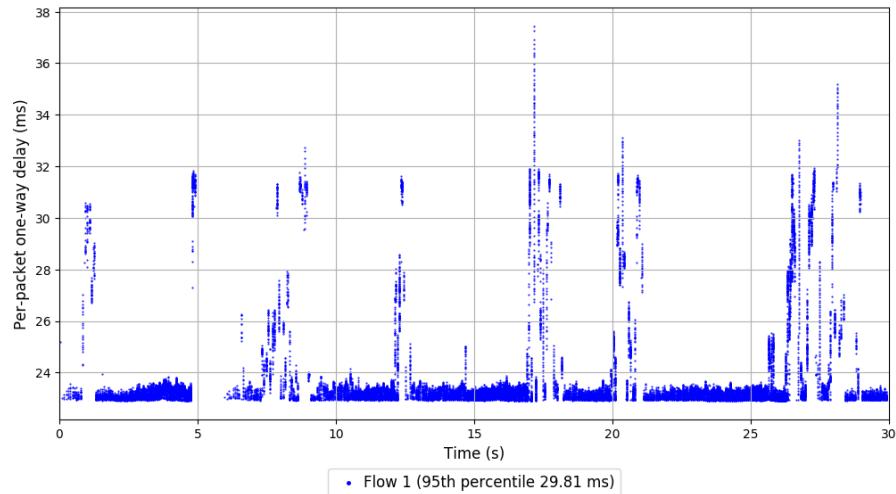
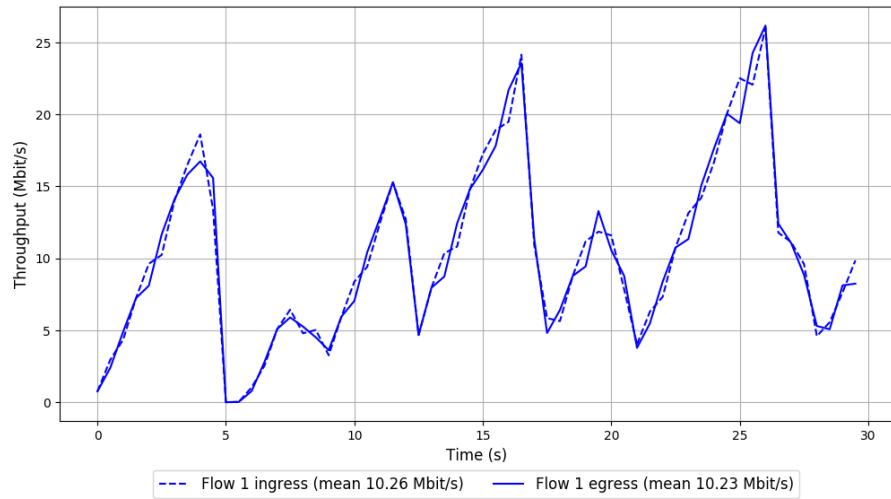


Run 9: Statistics of LEDBAT

```
Start at: 2017-09-18 01:12:47
End at: 2017-09-18 01:13:17
Local clock offset: 0.672 ms
Remote clock offset: 0.349 ms

# Below is generated by plot.py at 2017-09-18 05:21:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.23 Mbit/s
95th percentile per-packet one-way delay: 29.806 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 10.23 Mbit/s
95th percentile per-packet one-way delay: 29.806 ms
Loss rate: 0.59%
```

Run 9: Report of LEDBAT — Data Link

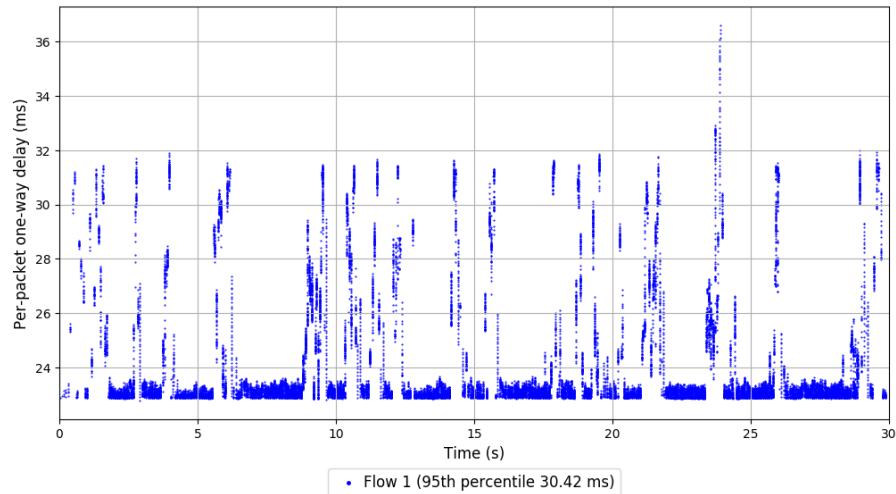
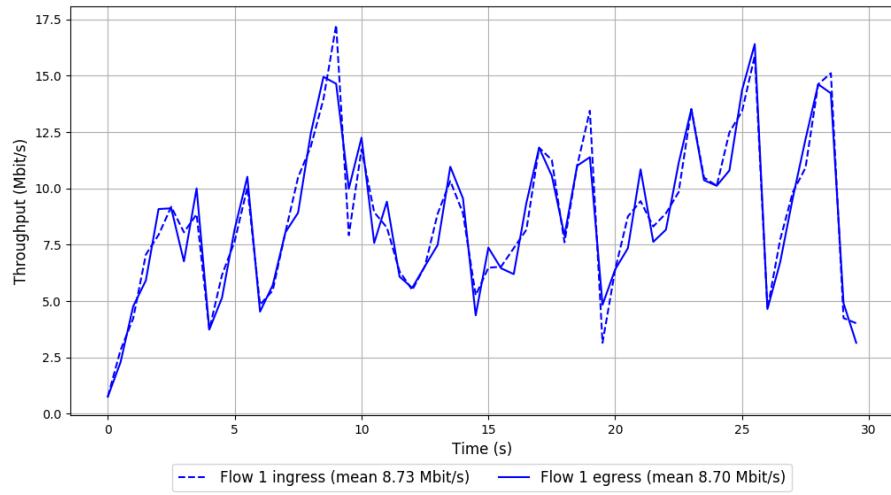


Run 10: Statistics of LEDBAT

```
Start at: 2017-09-18 01:33:05
End at: 2017-09-18 01:33:35
Local clock offset: 0.277 ms
Remote clock offset: 0.317 ms

# Below is generated by plot.py at 2017-09-18 05:21:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.70 Mbit/s
95th percentile per-packet one-way delay: 30.419 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 8.70 Mbit/s
95th percentile per-packet one-way delay: 30.419 ms
Loss rate: 0.60%
```

## Run 10: Report of LEDBAT — Data Link

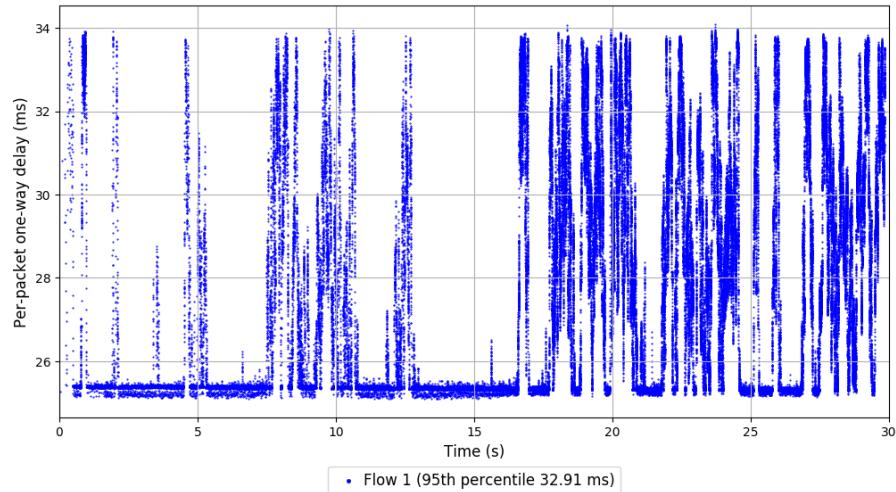
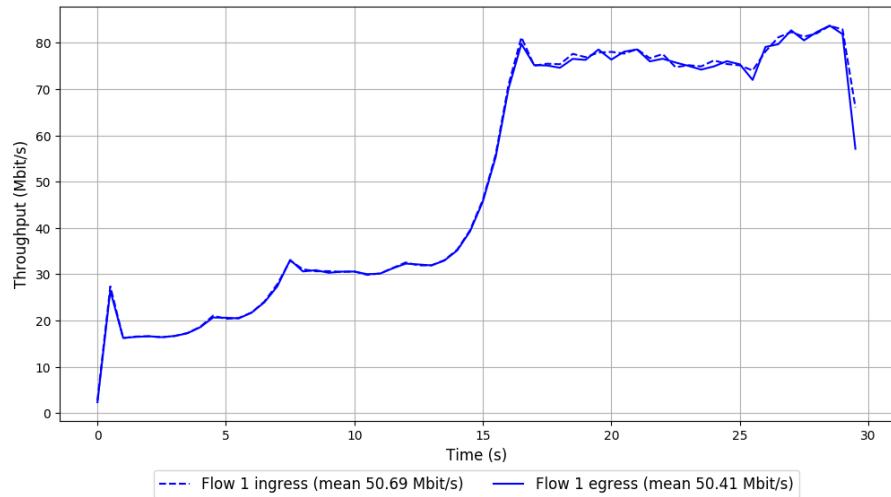


Run 1: Statistics of PCC

```
Start at: 2017-09-17 22:26:58
End at: 2017-09-17 22:27:28
Local clock offset: -5.683 ms
Remote clock offset: -2.425 ms

# Below is generated by plot.py at 2017-09-18 05:21:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.41 Mbit/s
95th percentile per-packet one-way delay: 32.910 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 50.41 Mbit/s
95th percentile per-packet one-way delay: 32.910 ms
Loss rate: 0.80%
```

## Run 1: Report of PCC — Data Link

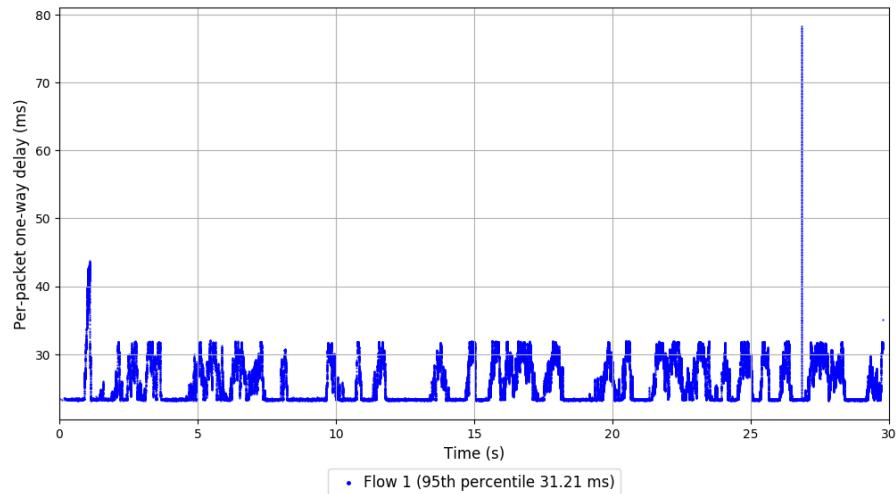
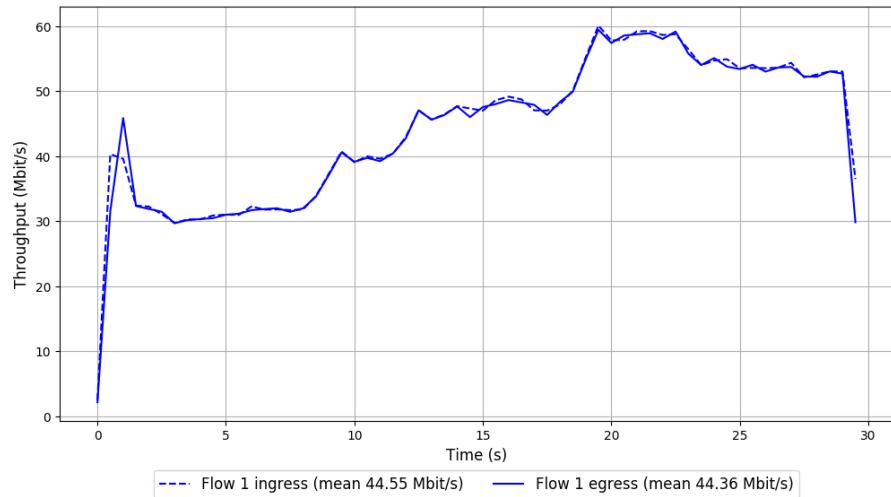


Run 2: Statistics of PCC

```
Start at: 2017-09-17 22:47:41
End at: 2017-09-17 22:48:11
Local clock offset: -6.435 ms
Remote clock offset: 0.104 ms

# Below is generated by plot.py at 2017-09-18 05:21:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.36 Mbit/s
95th percentile per-packet one-way delay: 31.214 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 44.36 Mbit/s
95th percentile per-packet one-way delay: 31.214 ms
Loss rate: 0.67%
```

## Run 2: Report of PCC — Data Link

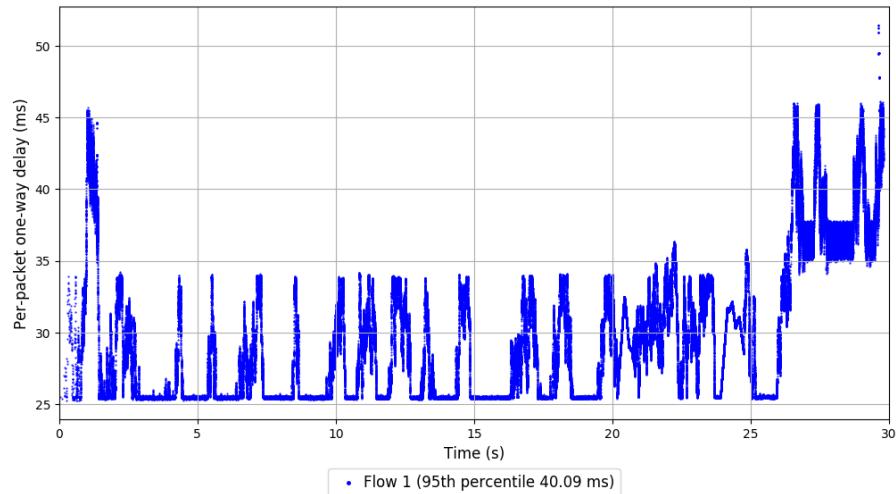
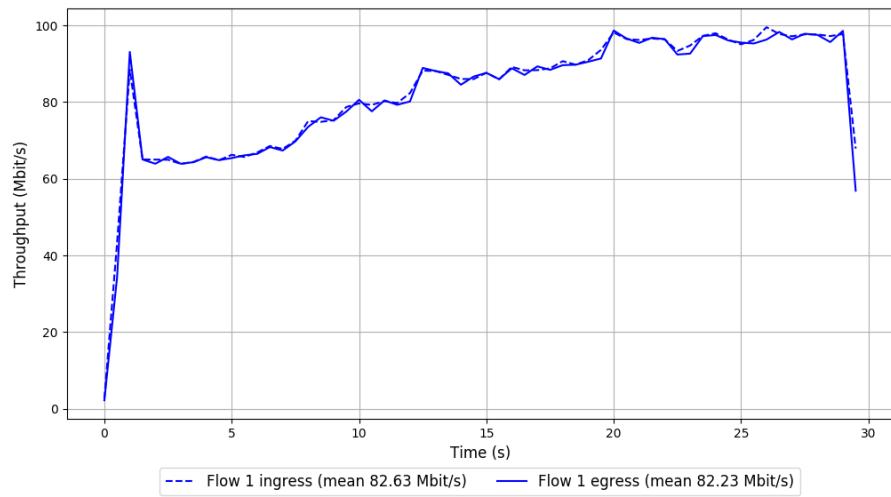


Run 3: Statistics of PCC

```
Start at: 2017-09-17 23:08:03
End at: 2017-09-17 23:08:33
Local clock offset: 0.678 ms
Remote clock offset: -1.46 ms

# Below is generated by plot.py at 2017-09-18 05:22:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.23 Mbit/s
95th percentile per-packet one-way delay: 40.092 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 82.23 Mbit/s
95th percentile per-packet one-way delay: 40.092 ms
Loss rate: 0.72%
```

### Run 3: Report of PCC — Data Link

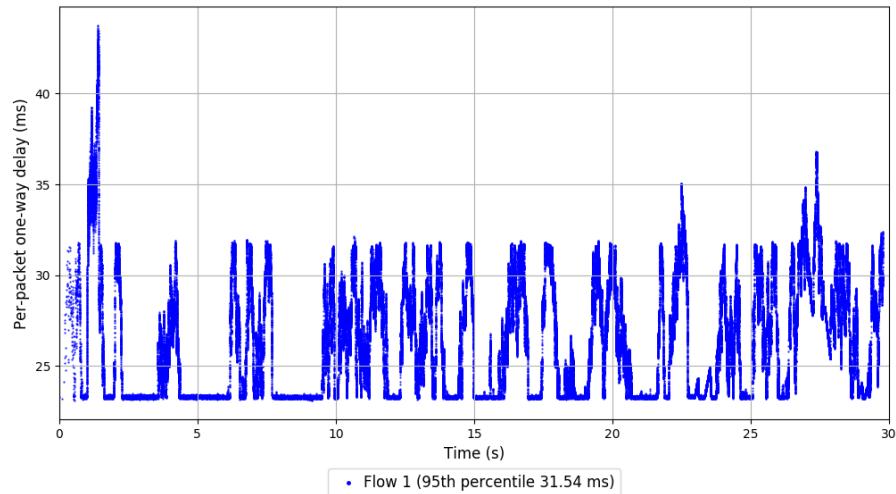
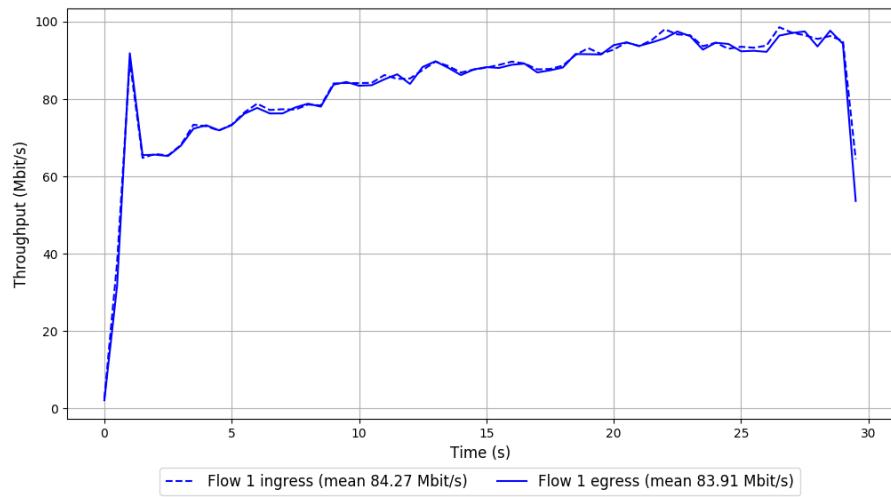


Run 4: Statistics of PCC

```
Start at: 2017-09-17 23:28:50
End at: 2017-09-17 23:29:20
Local clock offset: 0.63 ms
Remote clock offset: 0.608 ms

# Below is generated by plot.py at 2017-09-18 05:22:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.91 Mbit/s
95th percentile per-packet one-way delay: 31.535 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 83.91 Mbit/s
95th percentile per-packet one-way delay: 31.535 ms
Loss rate: 0.66%
```

#### Run 4: Report of PCC — Data Link

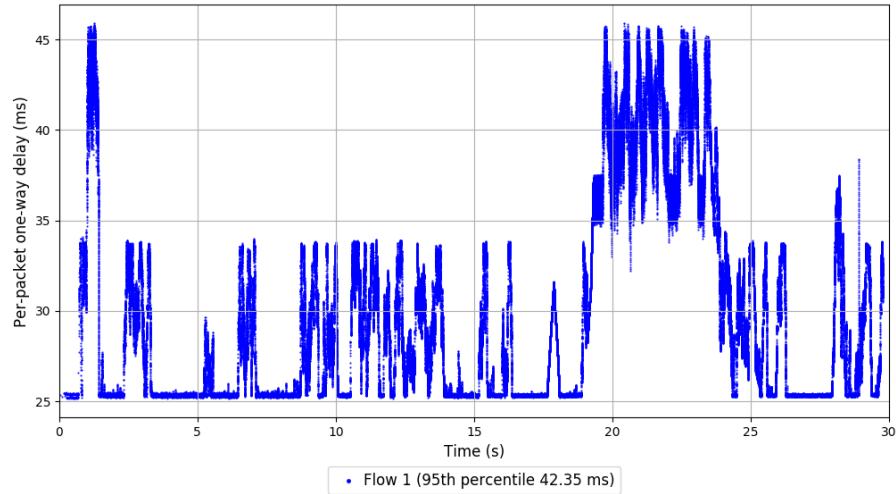
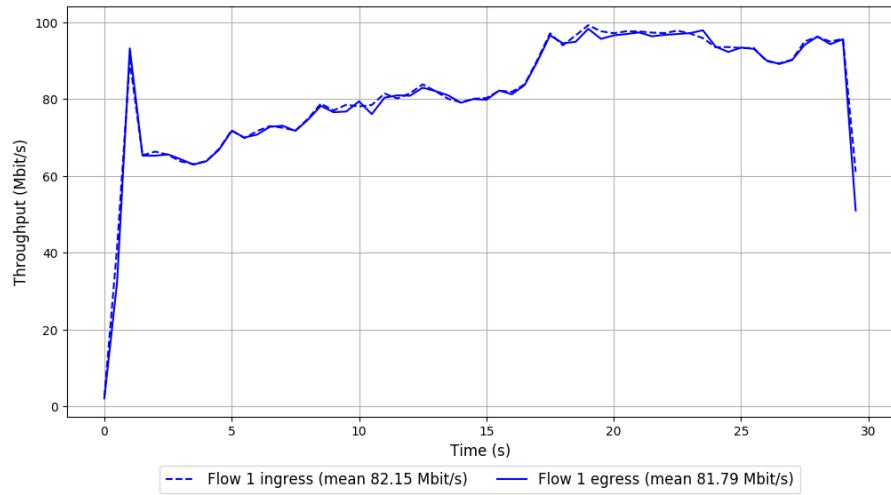


Run 5: Statistics of PCC

```
Start at: 2017-09-17 23:49:37
End at: 2017-09-17 23:50:07
Local clock offset: 0.679 ms
Remote clock offset: -1.402 ms

# Below is generated by plot.py at 2017-09-18 05:22:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.79 Mbit/s
95th percentile per-packet one-way delay: 42.354 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 81.79 Mbit/s
95th percentile per-packet one-way delay: 42.354 ms
Loss rate: 0.69%
```

### Run 5: Report of PCC — Data Link

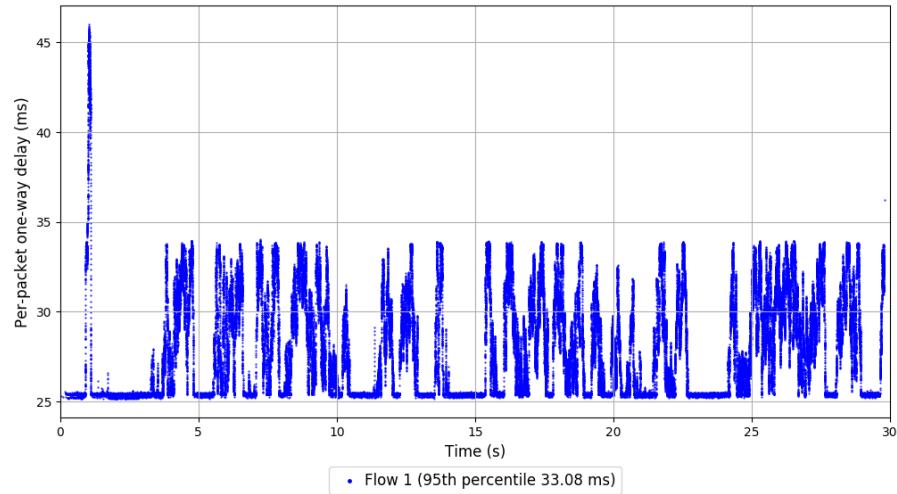
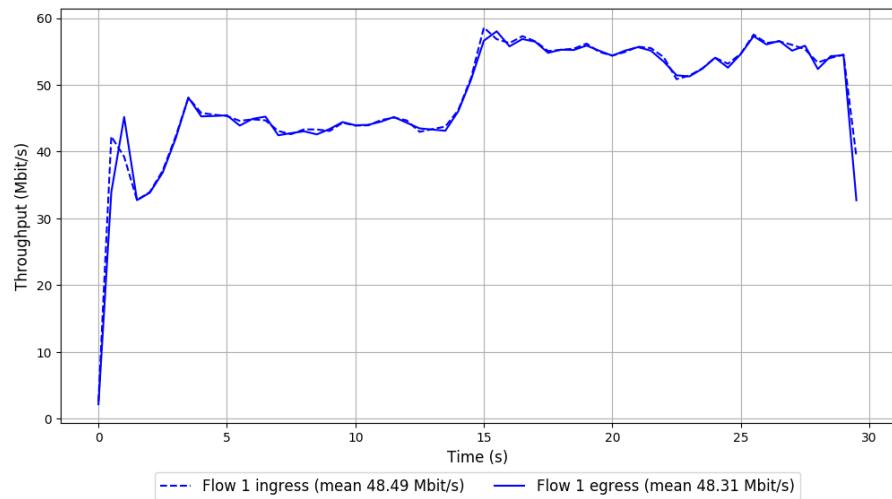


Run 6: Statistics of PCC

```
Start at: 2017-09-18 00:10:01
End at: 2017-09-18 00:10:31
Local clock offset: 0.349 ms
Remote clock offset: -1.583 ms

# Below is generated by plot.py at 2017-09-18 05:22:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.31 Mbit/s
95th percentile per-packet one-way delay: 33.081 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 48.31 Mbit/s
95th percentile per-packet one-way delay: 33.081 ms
Loss rate: 0.61%
```

### Run 6: Report of PCC — Data Link

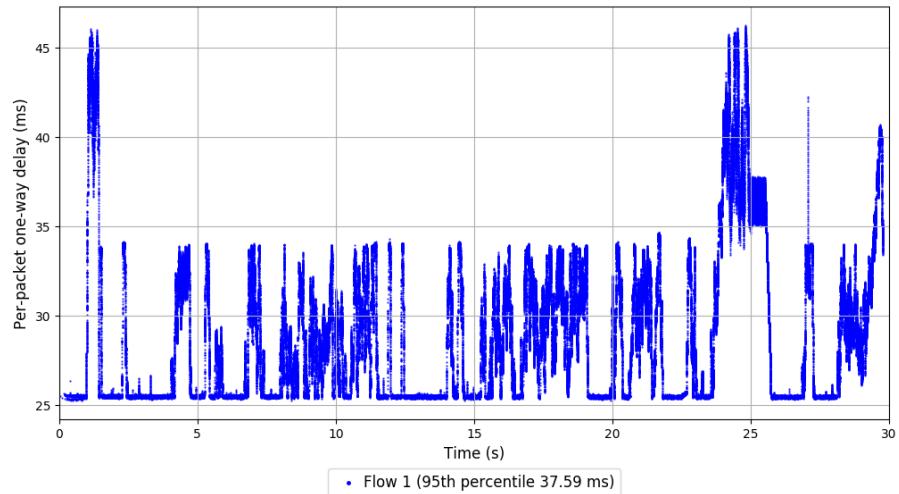
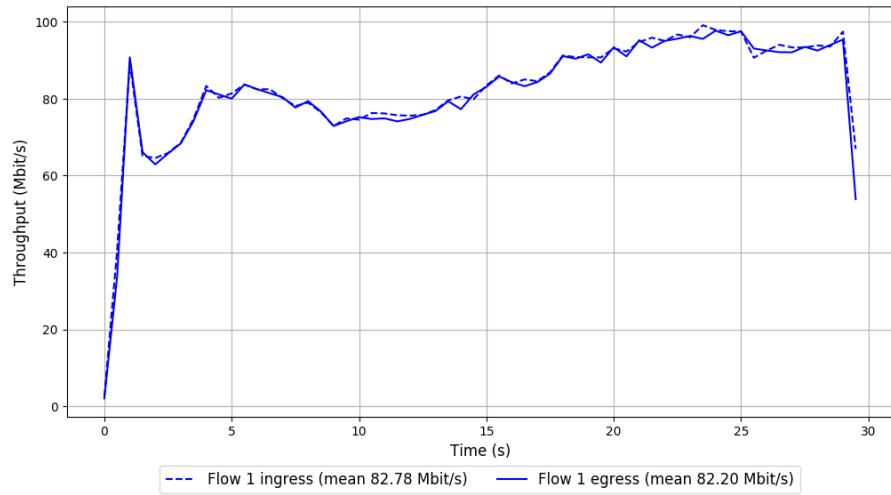


Run 7: Statistics of PCC

```
Start at: 2017-09-18 00:30:20
End at: 2017-09-18 00:30:50
Local clock offset: 0.605 ms
Remote clock offset: -1.883 ms

# Below is generated by plot.py at 2017-09-18 05:22:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.20 Mbit/s
95th percentile per-packet one-way delay: 37.591 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 82.20 Mbit/s
95th percentile per-packet one-way delay: 37.591 ms
Loss rate: 0.94%
```

### Run 7: Report of PCC — Data Link

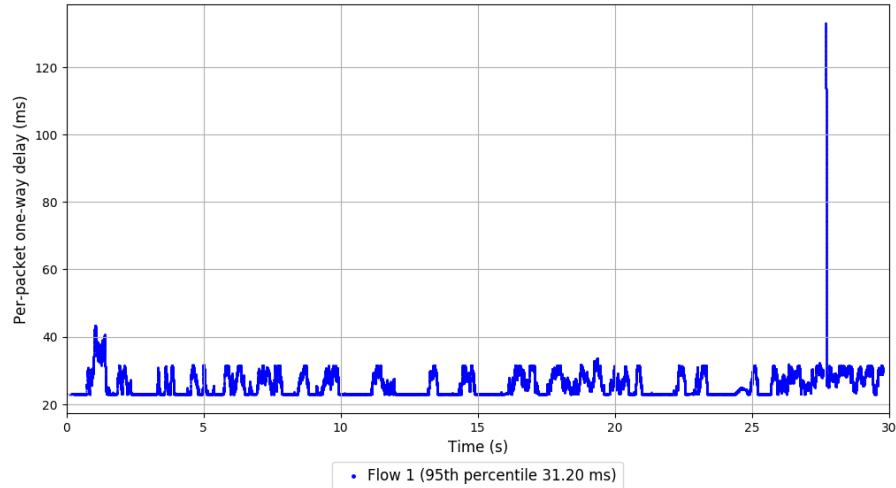
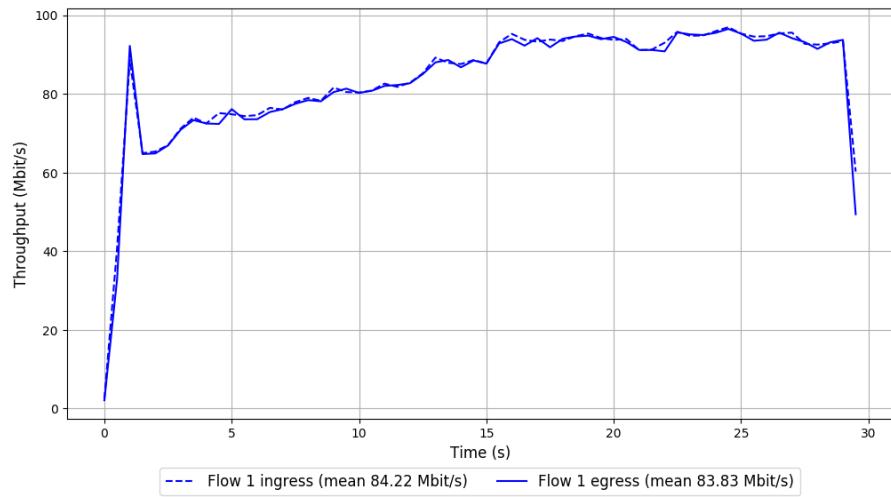


Run 8: Statistics of PCC

```
Start at: 2017-09-18 00:50:39
End at: 2017-09-18 00:51:09
Local clock offset: 0.842 ms
Remote clock offset: 0.351 ms

# Below is generated by plot.py at 2017-09-18 05:22:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.83 Mbit/s
95th percentile per-packet one-way delay: 31.200 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 83.83 Mbit/s
95th percentile per-packet one-way delay: 31.200 ms
Loss rate: 0.71%
```

Run 8: Report of PCC — Data Link

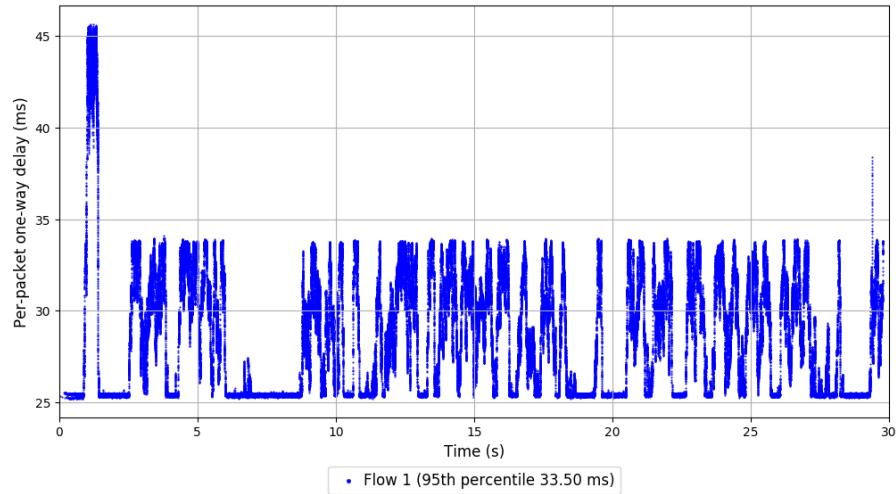
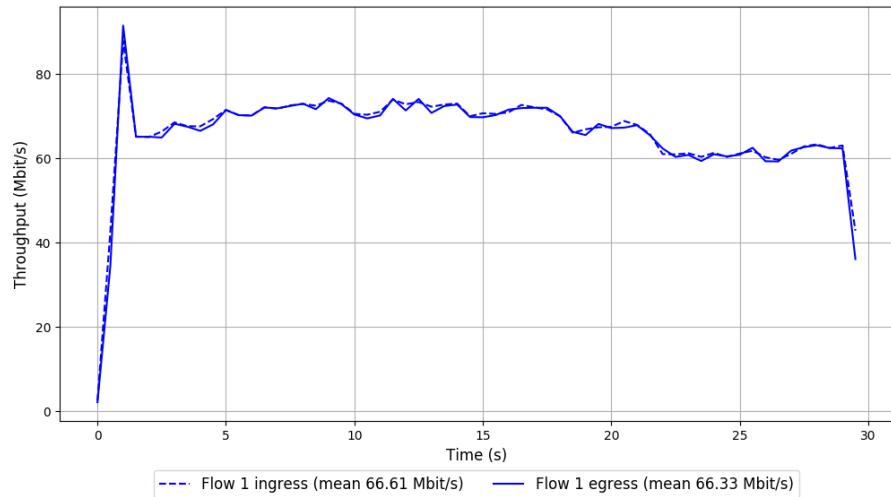


Run 9: Statistics of PCC

```
Start at: 2017-09-18 01:11:22
End at: 2017-09-18 01:11:53
Local clock offset: 0.681 ms
Remote clock offset: -2.222 ms

# Below is generated by plot.py at 2017-09-18 05:22:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.33 Mbit/s
95th percentile per-packet one-way delay: 33.501 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 66.33 Mbit/s
95th percentile per-packet one-way delay: 33.501 ms
Loss rate: 0.67%
```

### Run 9: Report of PCC — Data Link

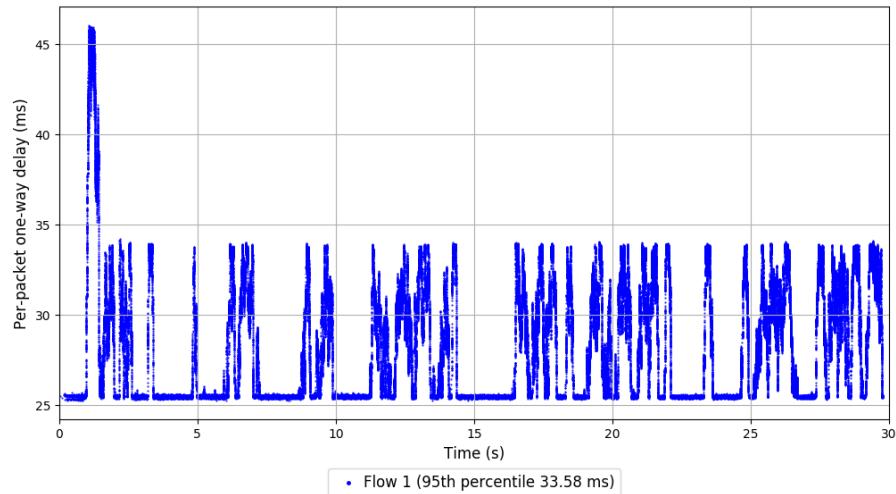
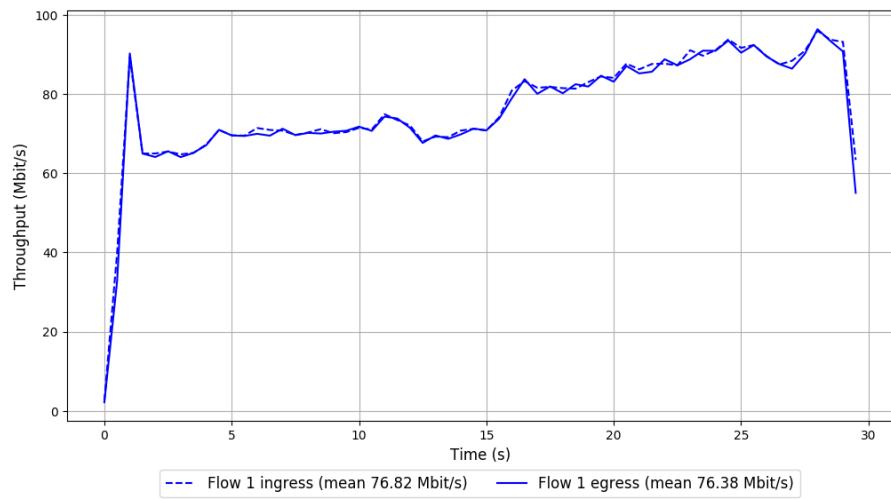


Run 10: Statistics of PCC

```
Start at: 2017-09-18 01:31:42
End at: 2017-09-18 01:32:12
Local clock offset: 0.312 ms
Remote clock offset: -2.255 ms

# Below is generated by plot.py at 2017-09-18 05:23:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.38 Mbit/s
95th percentile per-packet one-way delay: 33.576 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 76.38 Mbit/s
95th percentile per-packet one-way delay: 33.576 ms
Loss rate: 0.81%
```

Run 10: Report of PCC — Data Link

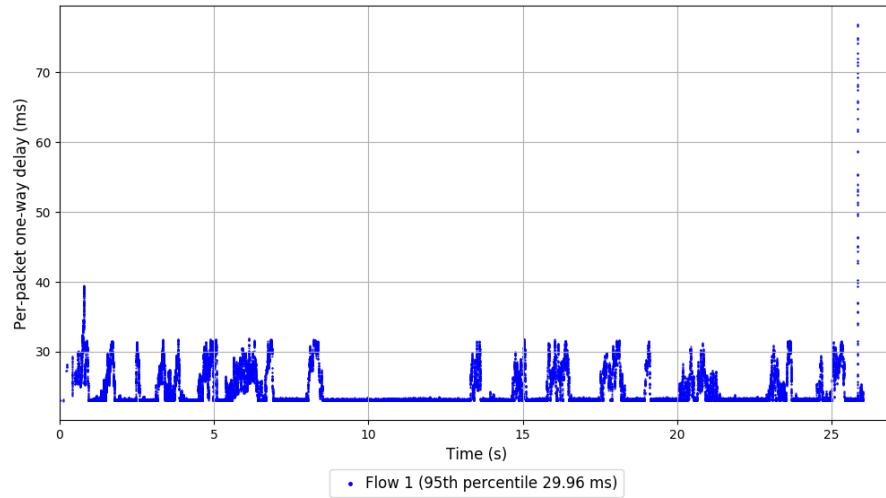
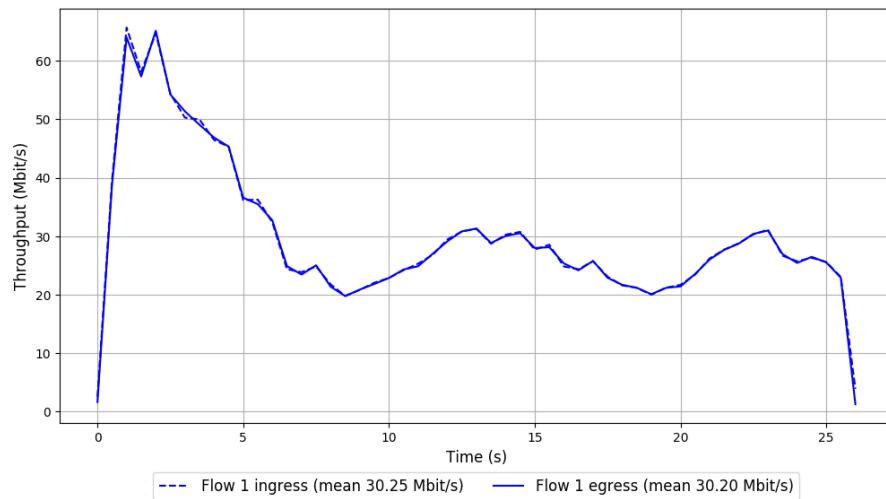


Run 1: Statistics of QUIC Cubic

```
Start at: 2017-09-17 22:29:38
End at: 2017-09-17 22:30:08
Local clock offset: -5.441 ms
Remote clock offset: 0.056 ms

# Below is generated by plot.py at 2017-09-18 05:23:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.20 Mbit/s
95th percentile per-packet one-way delay: 29.959 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 30.20 Mbit/s
95th percentile per-packet one-way delay: 29.959 ms
Loss rate: 0.45%
```

Run 1: Report of QUIC Cubic — Data Link

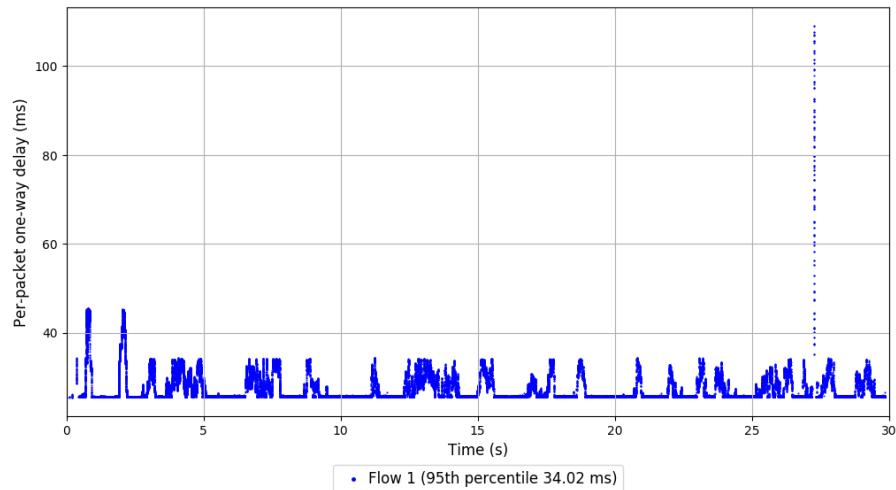
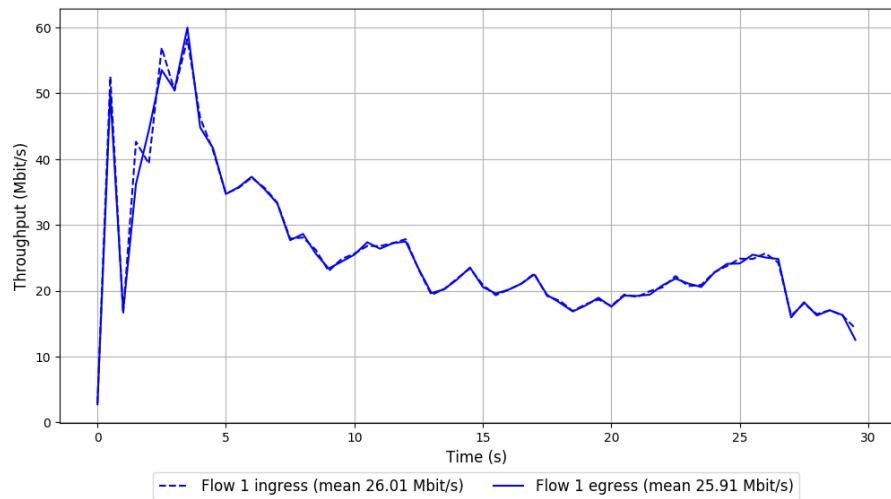


Run 2: Statistics of QUIC Cubic

```
Start at: 2017-09-17 22:50:25
End at: 2017-09-17 22:50:55
Local clock offset: -6.072 ms
Remote clock offset: -1.9 ms

# Below is generated by plot.py at 2017-09-18 05:23:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 25.91 Mbit/s
95th percentile per-packet one-way delay: 34.024 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 25.91 Mbit/s
95th percentile per-packet one-way delay: 34.024 ms
Loss rate: 0.62%
```

## Run 2: Report of QUIC Cubic — Data Link

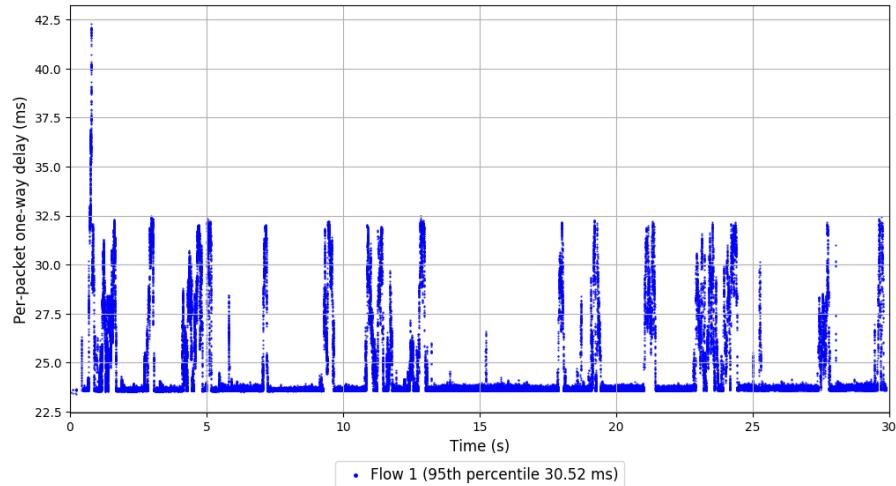
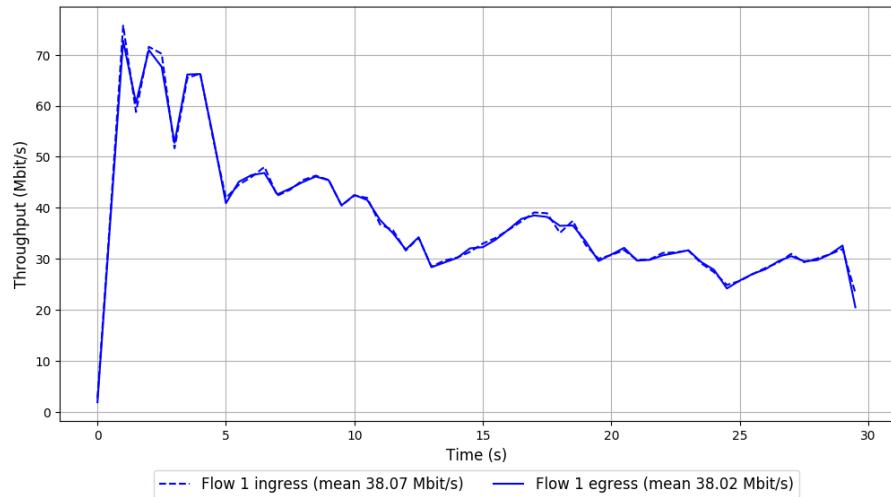


Run 3: Statistics of QUIC Cubic

```
Start at: 2017-09-17 23:10:44
End at: 2017-09-17 23:11:14
Local clock offset: 0.521 ms
Remote clock offset: 0.521 ms

# Below is generated by plot.py at 2017-09-18 05:23:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.02 Mbit/s
95th percentile per-packet one-way delay: 30.520 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 38.02 Mbit/s
95th percentile per-packet one-way delay: 30.520 ms
Loss rate: 0.39%
```

### Run 3: Report of QUIC Cubic — Data Link

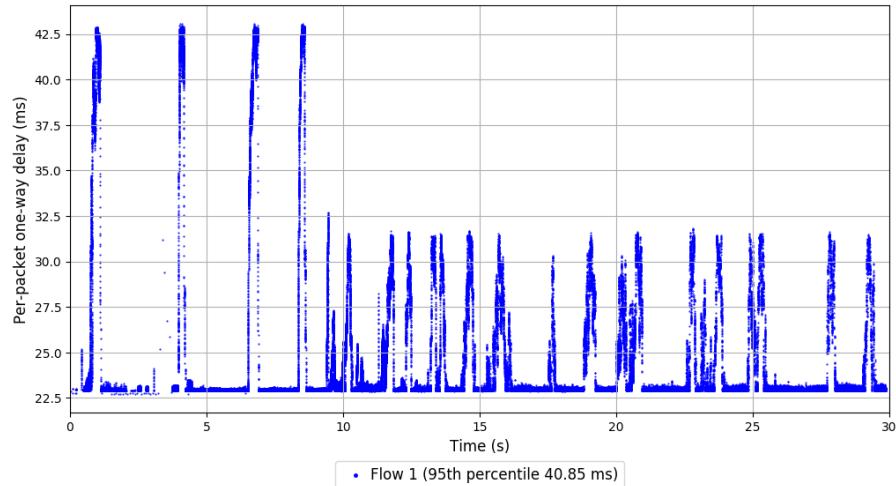
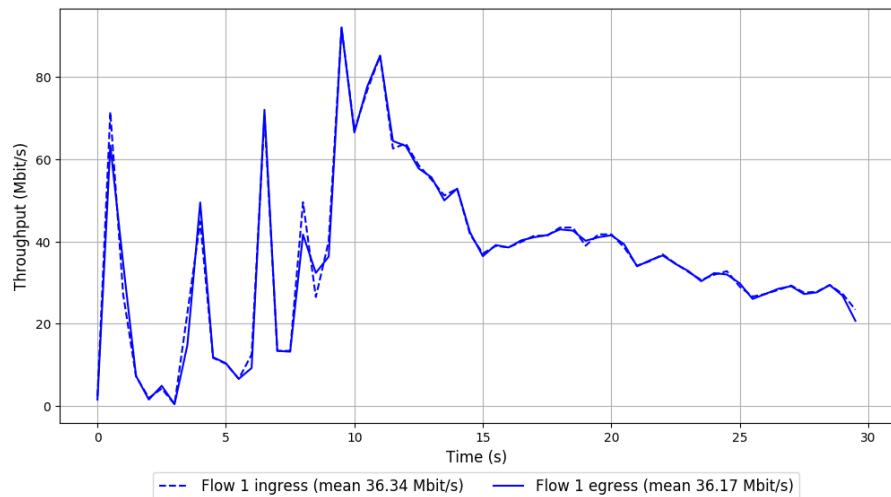


Run 4: Statistics of QUIC Cubic

```
Start at: 2017-09-17 23:31:33
End at: 2017-09-17 23:32:03
Local clock offset: 0.723 ms
Remote clock offset: 1.096 ms

# Below is generated by plot.py at 2017-09-18 05:23:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.17 Mbit/s
95th percentile per-packet one-way delay: 40.855 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 36.17 Mbit/s
95th percentile per-packet one-way delay: 40.855 ms
Loss rate: 0.71%
```

## Run 4: Report of QUIC Cubic — Data Link

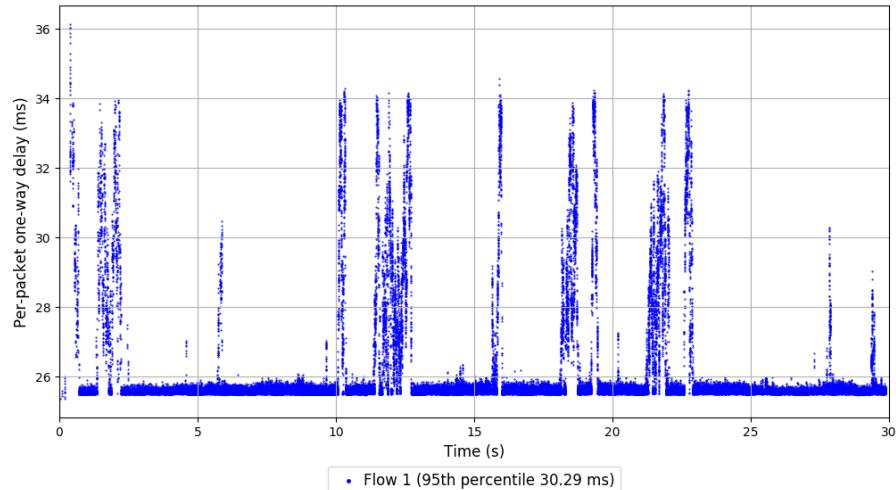
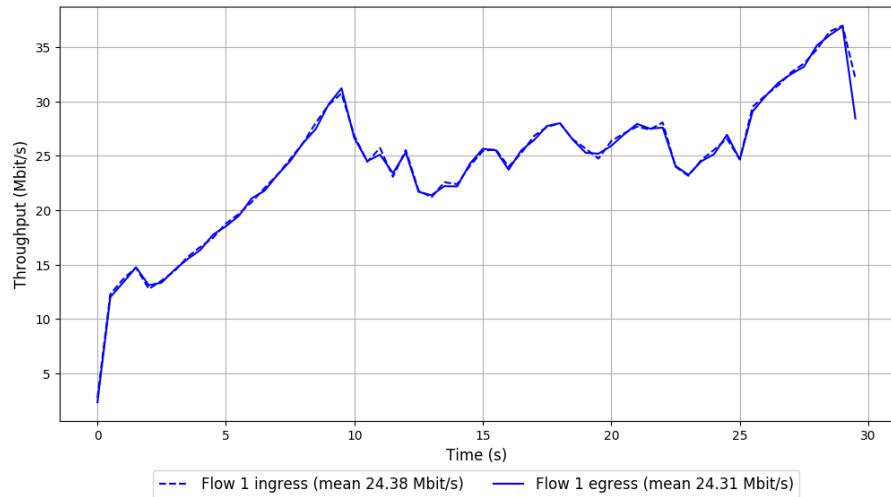


Run 5: Statistics of QUIC Cubic

```
Start at: 2017-09-17 23:52:17
End at: 2017-09-17 23:52:47
Local clock offset: 0.72 ms
Remote clock offset: -1.504 ms

# Below is generated by plot.py at 2017-09-18 05:23:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 30.285 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 30.285 ms
Loss rate: 0.53%
```

Run 5: Report of QUIC Cubic — Data Link

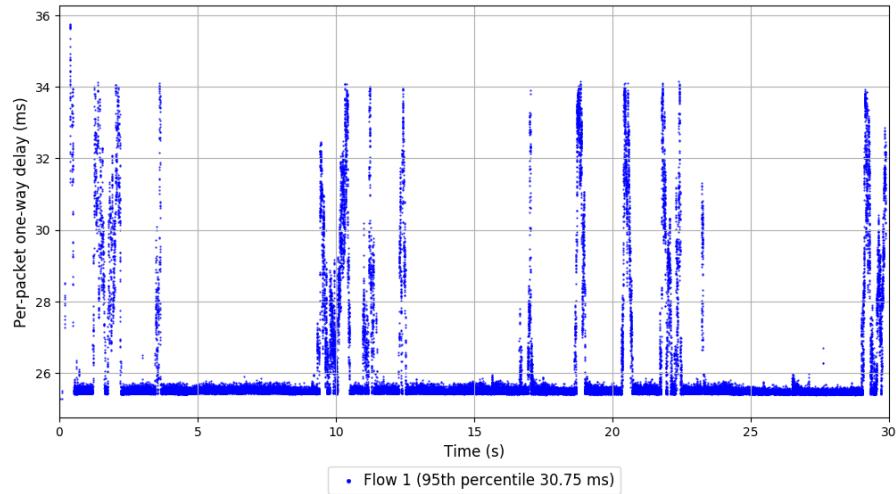
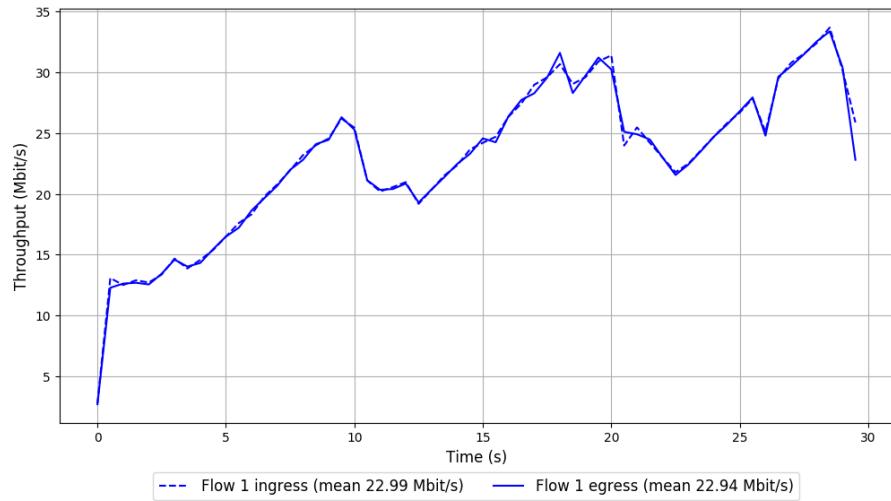


Run 6: Statistics of QUIC Cubic

```
Start at: 2017-09-18 00:12:38
End at: 2017-09-18 00:13:08
Local clock offset: 0.355 ms
Remote clock offset: -1.599 ms

# Below is generated by plot.py at 2017-09-18 05:23:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.94 Mbit/s
95th percentile per-packet one-way delay: 30.754 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 22.94 Mbit/s
95th percentile per-packet one-way delay: 30.754 ms
Loss rate: 0.45%
```

## Run 6: Report of QUIC Cubic — Data Link

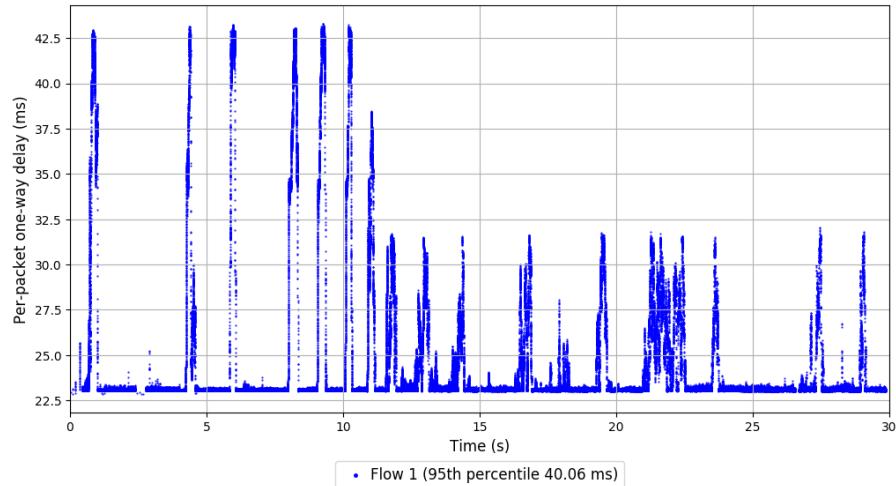
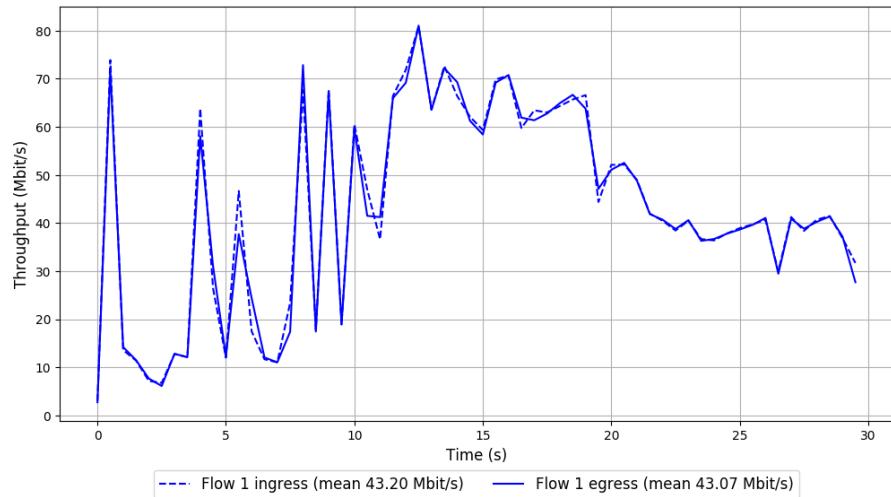


Run 7: Statistics of QUIC Cubic

```
Start at: 2017-09-18 00:32:58
End at: 2017-09-18 00:33:28
Local clock offset: 0.668 ms
Remote clock offset: 0.485 ms

# Below is generated by plot.py at 2017-09-18 05:23:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.07 Mbit/s
95th percentile per-packet one-way delay: 40.065 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 43.07 Mbit/s
95th percentile per-packet one-way delay: 40.065 ms
Loss rate: 0.55%
```

Run 7: Report of QUIC Cubic — Data Link

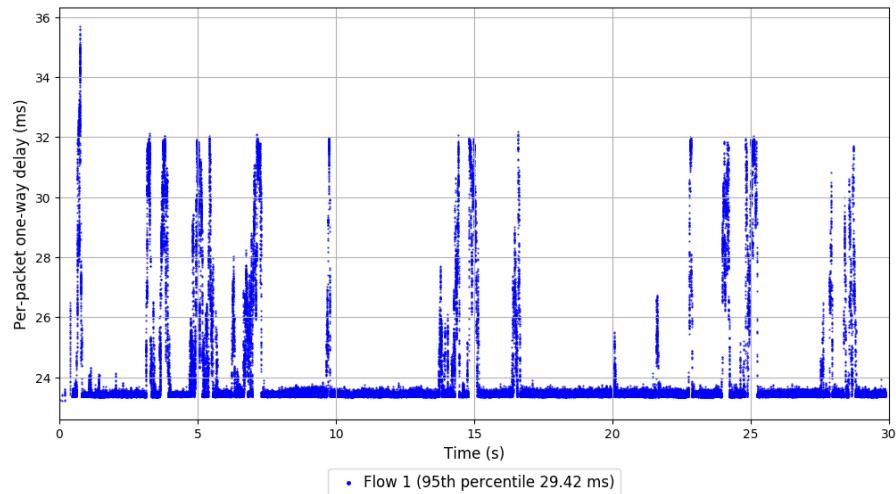
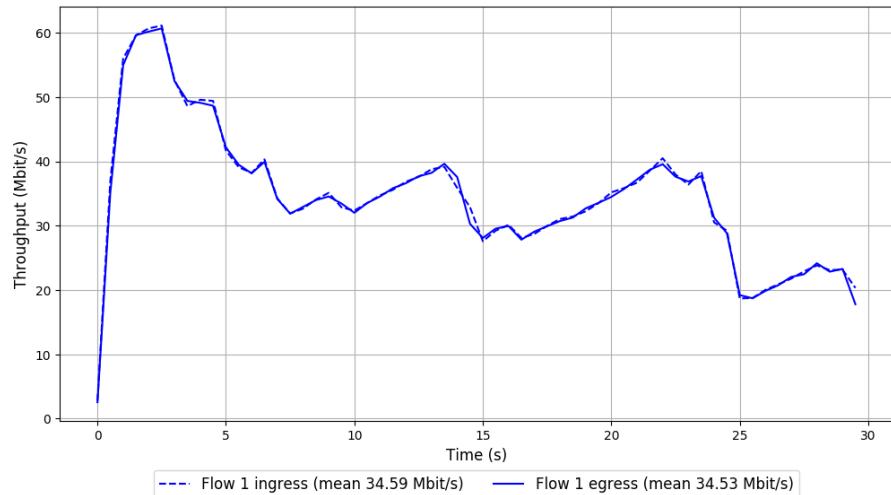


Run 8: Statistics of QUIC Cubic

```
Start at: 2017-09-18 00:53:20
End at: 2017-09-18 00:53:50
Local clock offset: 0.777 ms
Remote clock offset: -0.096 ms

# Below is generated by plot.py at 2017-09-18 05:23:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.53 Mbit/s
95th percentile per-packet one-way delay: 29.424 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 34.53 Mbit/s
95th percentile per-packet one-way delay: 29.424 ms
Loss rate: 0.41%
```

### Run 8: Report of QUIC Cubic — Data Link

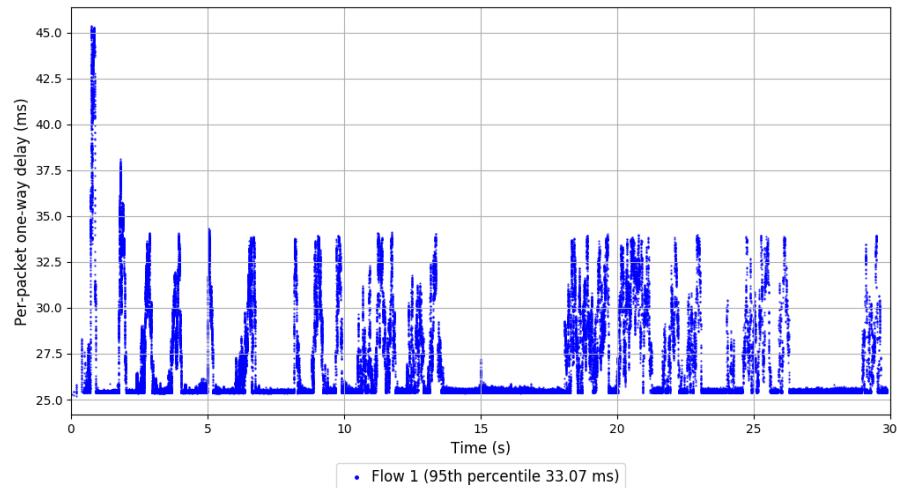
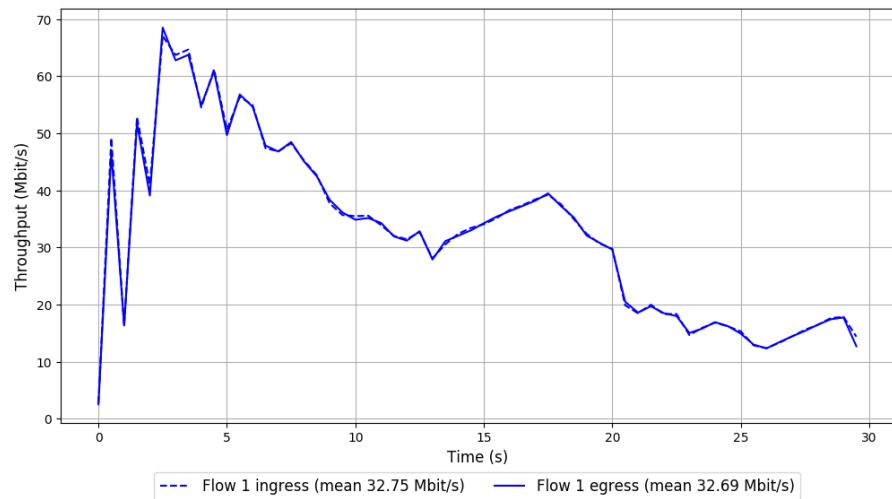


Run 9: Statistics of QUIC Cubic

```
Start at: 2017-09-18 01:14:05
End at: 2017-09-18 01:14:35
Local clock offset: 0.671 ms
Remote clock offset: -2.166 ms

# Below is generated by plot.py at 2017-09-18 05:23:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.69 Mbit/s
95th percentile per-packet one-way delay: 33.067 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 32.69 Mbit/s
95th percentile per-packet one-way delay: 33.067 ms
Loss rate: 0.44%
```

### Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

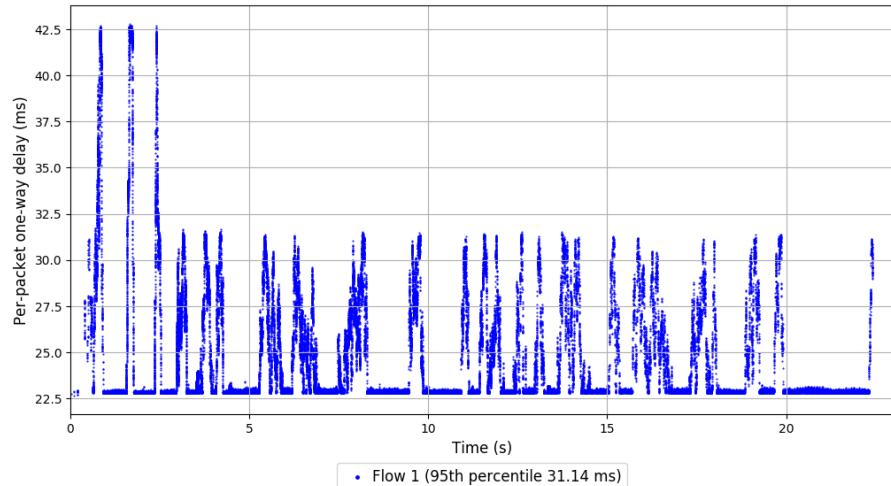
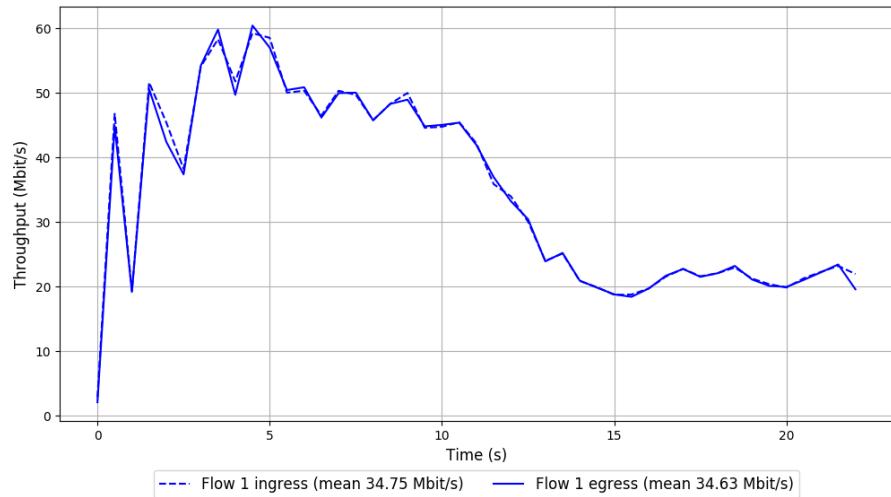
Start at: 2017-09-18 01:34:23

End at: 2017-09-18 01:34:53

Local clock offset: 0.281 ms

Remote clock offset: 0.38 ms

### Run 10: Report of QUIC Cubic — Data Link

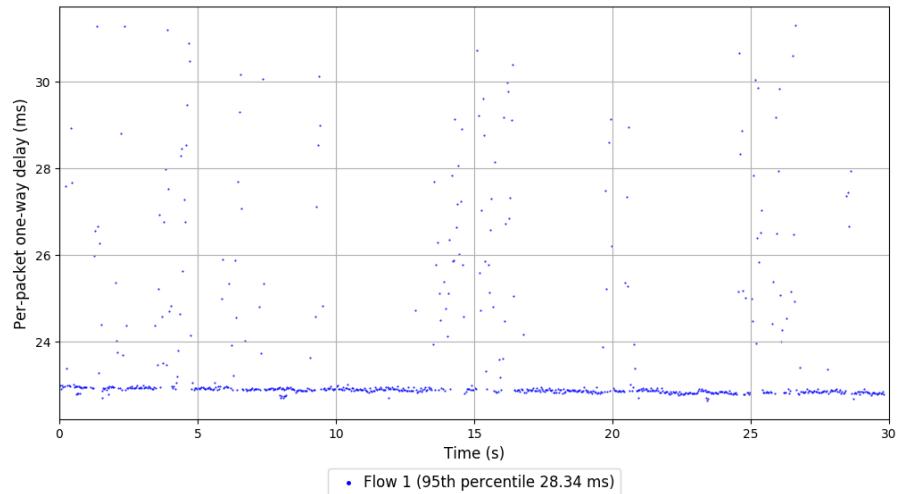
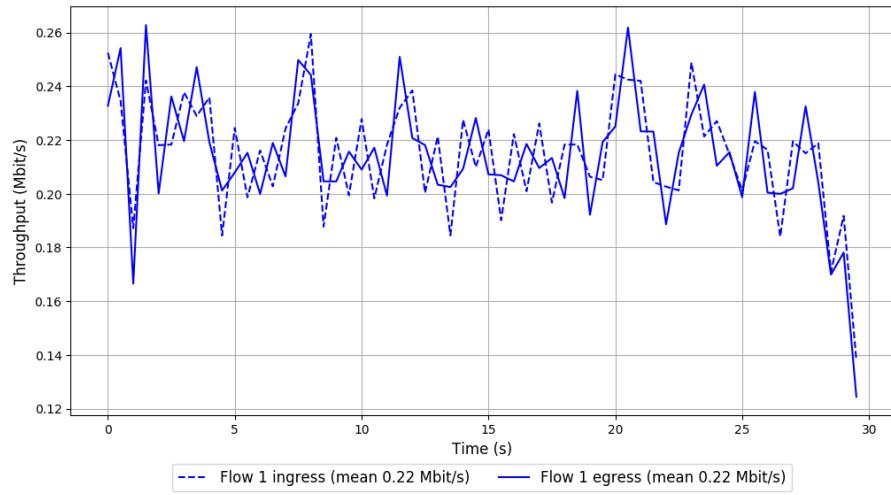


Run 1: Statistics of SCReAM

```
Start at: 2017-09-17 22:25:42
End at: 2017-09-17 22:26:12
Local clock offset: -5.95 ms
Remote clock offset: 0.019 ms

# Below is generated by plot.py at 2017-09-18 05:23:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.337 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.337 ms
Loss rate: 0.33%
```

Run 1: Report of SCReAM — Data Link

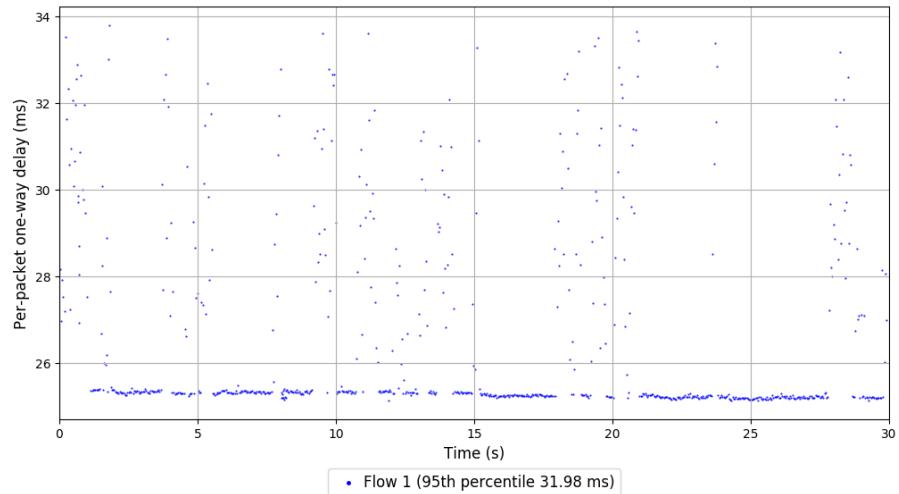
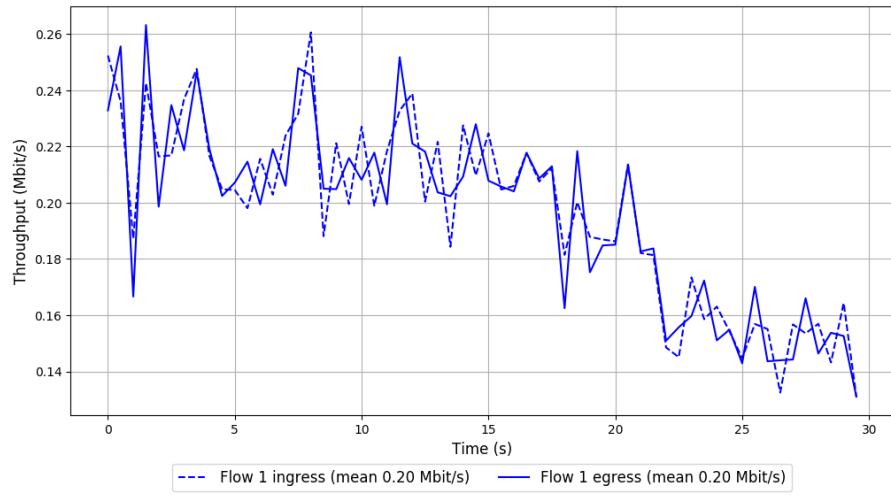


Run 2: Statistics of SCReAM

```
Start at: 2017-09-17 22:46:24
End at: 2017-09-17 22:46:54
Local clock offset: -6.856 ms
Remote clock offset: -1.968 ms

# Below is generated by plot.py at 2017-09-18 05:23:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 31.976 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 31.976 ms
Loss rate: 0.24%
```

Run 2: Report of SCReAM — Data Link

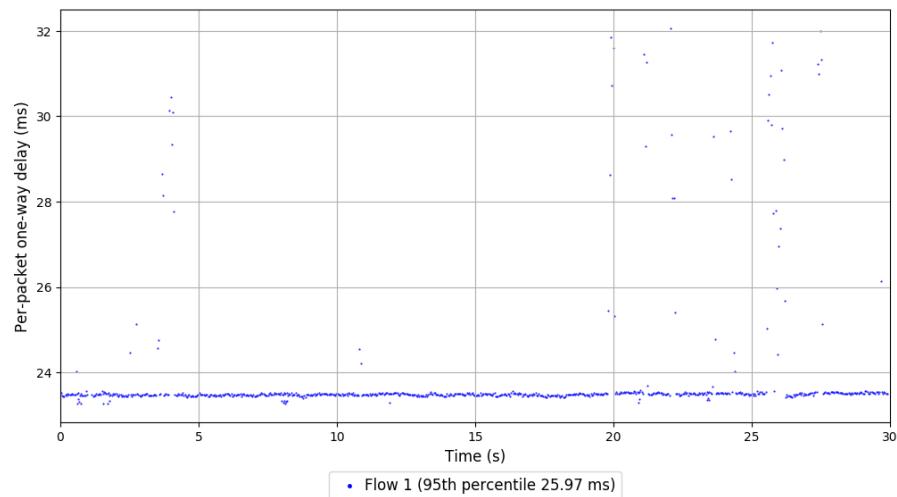
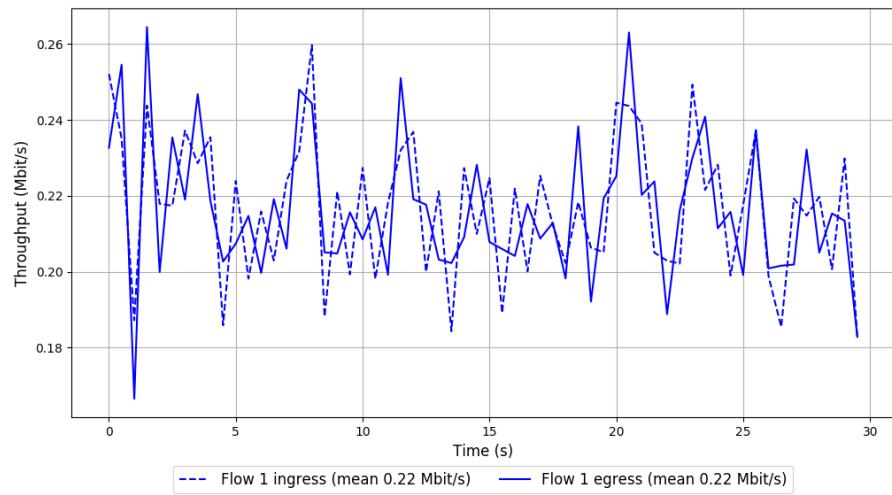


Run 3: Statistics of SCReAM

```
Start at: 2017-09-17 23:06:46
End at: 2017-09-17 23:07:16
Local clock offset: 0.793 ms
Remote clock offset: 0.623 ms

# Below is generated by plot.py at 2017-09-18 05:23:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.973 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.973 ms
Loss rate: 0.13%
```

Run 3: Report of SCReAM — Data Link

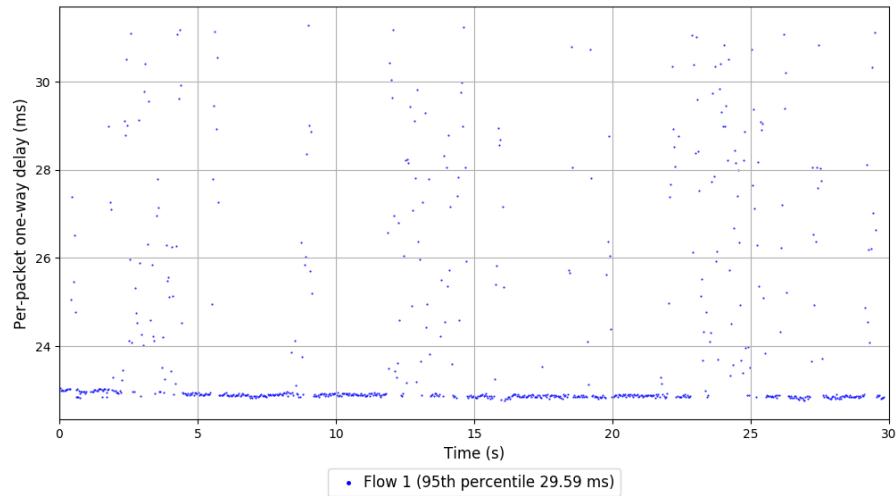
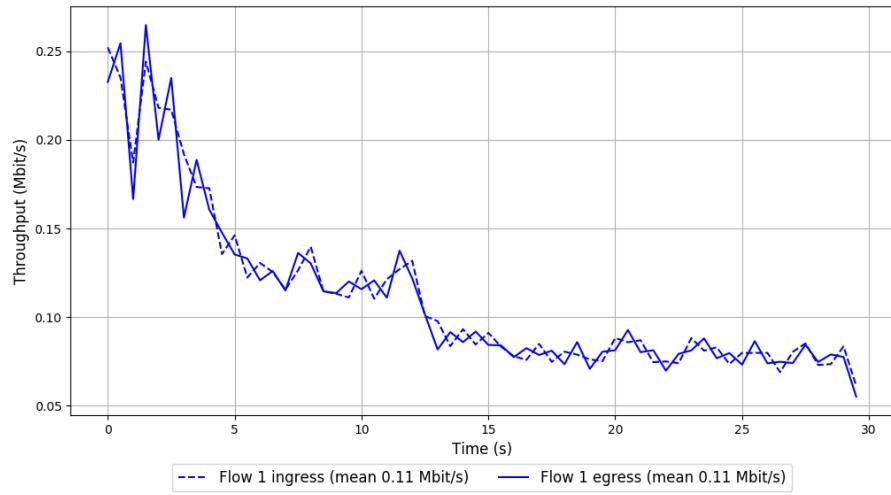


Run 4: Statistics of SCReAM

```
Start at: 2017-09-17 23:27:33
End at: 2017-09-17 23:28:03
Local clock offset: 0.678 ms
Remote clock offset: 1.082 ms

# Below is generated by plot.py at 2017-09-18 05:23:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 29.594 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 29.594 ms
Loss rate: 0.74%
```

Run 4: Report of SCReAM — Data Link

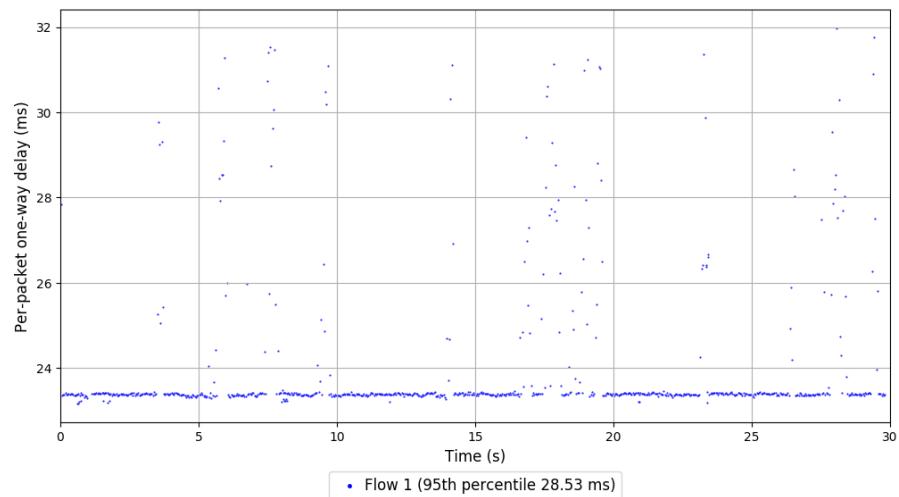
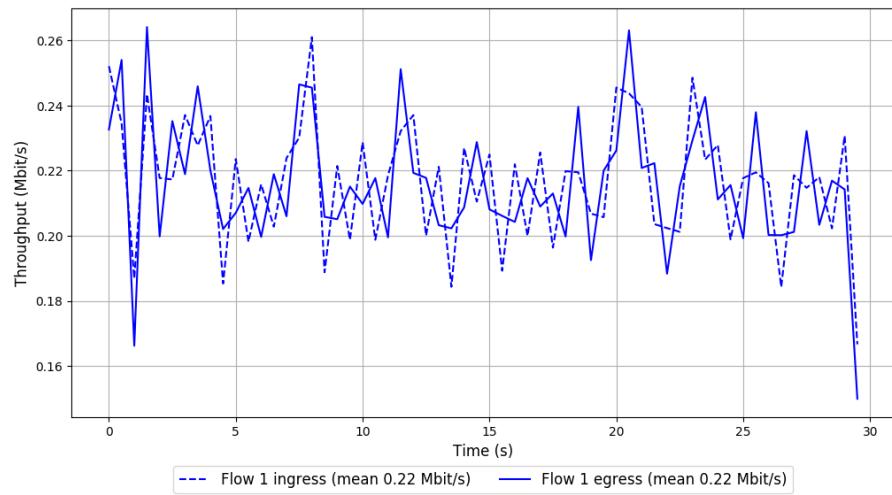


Run 5: Statistics of SCReAM

```
Start at: 2017-09-17 23:48:20
End at: 2017-09-17 23:48:50
Local clock offset: 0.79 ms
Remote clock offset: 0.741 ms

# Below is generated by plot.py at 2017-09-18 05:23:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.532 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.532 ms
Loss rate: 0.26%
```

Run 5: Report of SCReAM — Data Link

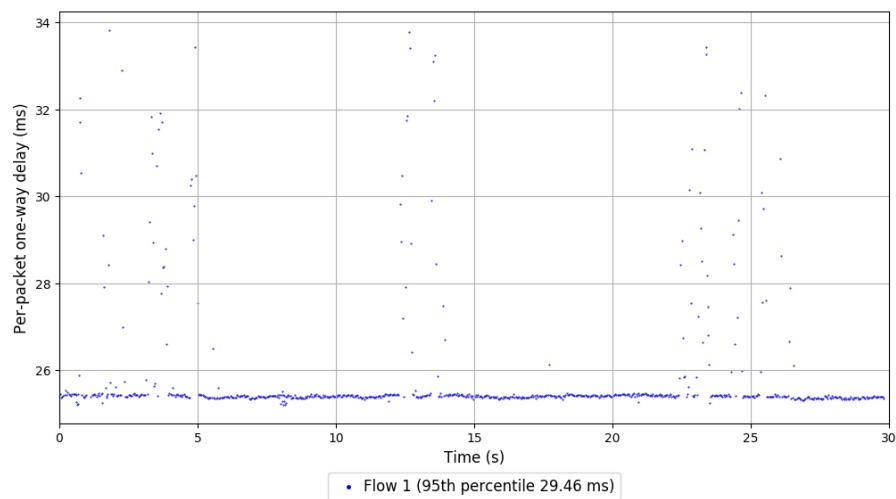
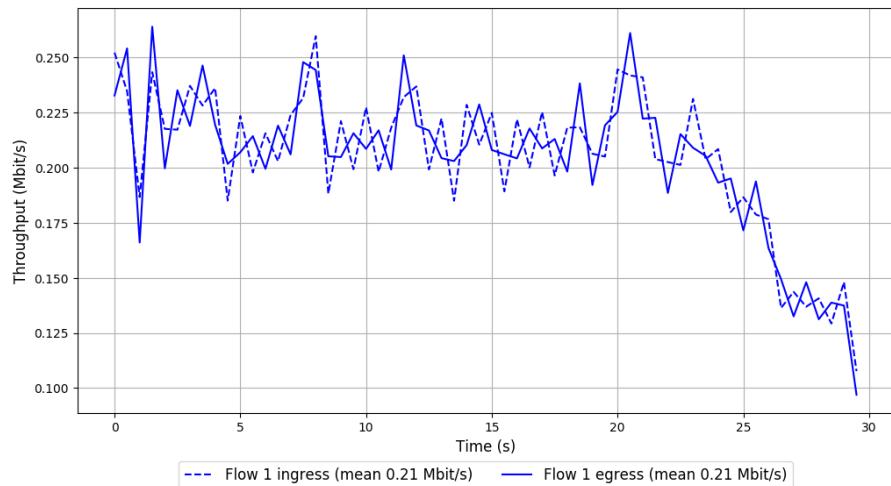


Run 6: Statistics of SCReAM

```
Start at: 2017-09-18 00:08:44
End at: 2017-09-18 00:09:15
Local clock offset: 0.385 ms
Remote clock offset: -1.54 ms

# Below is generated by plot.py at 2017-09-18 05:23:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 29.458 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 29.458 ms
Loss rate: 0.34%
```

Run 6: Report of SCReAM — Data Link

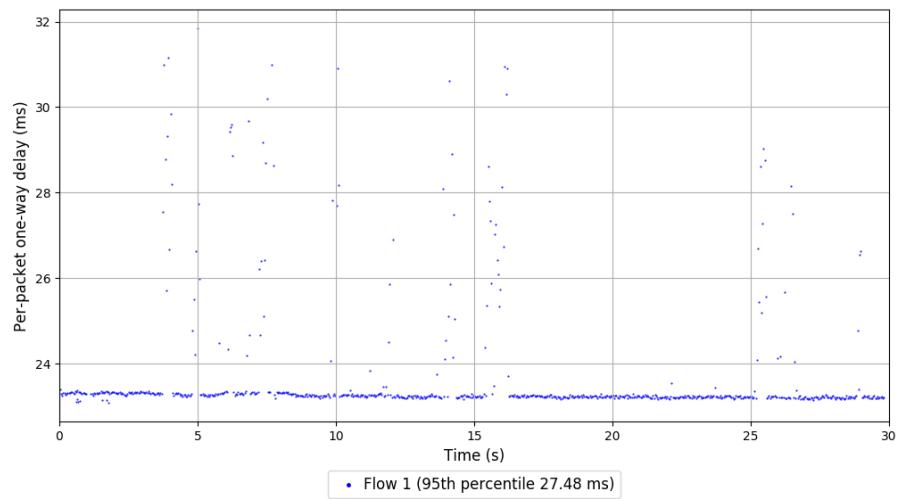
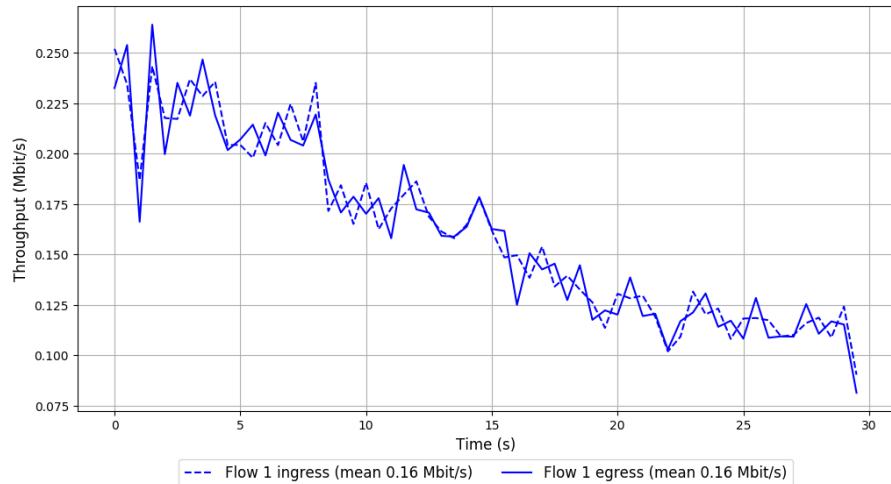


Run 7: Statistics of SCReAM

```
Start at: 2017-09-18 00:29:03
End at: 2017-09-18 00:29:33
Local clock offset: 0.451 ms
Remote clock offset: 0.248 ms

# Below is generated by plot.py at 2017-09-18 05:23:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 27.482 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 27.482 ms
Loss rate: 0.52%
```

Run 7: Report of SCReAM — Data Link

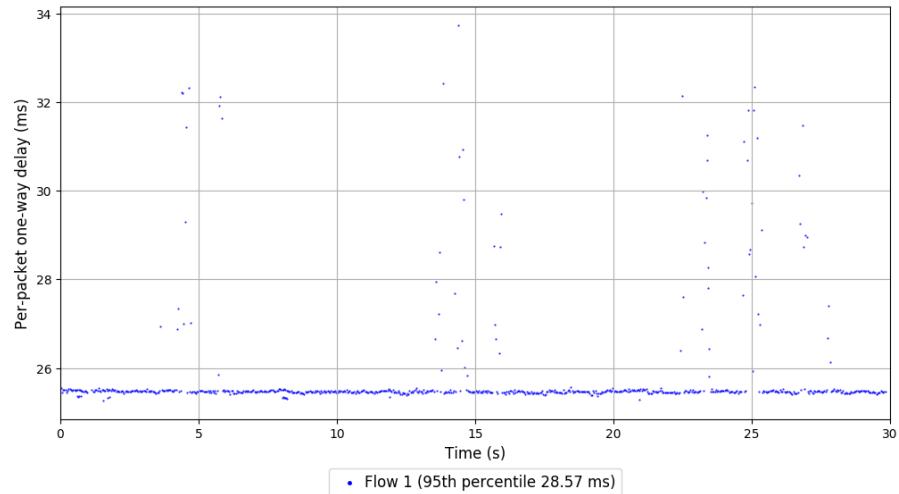
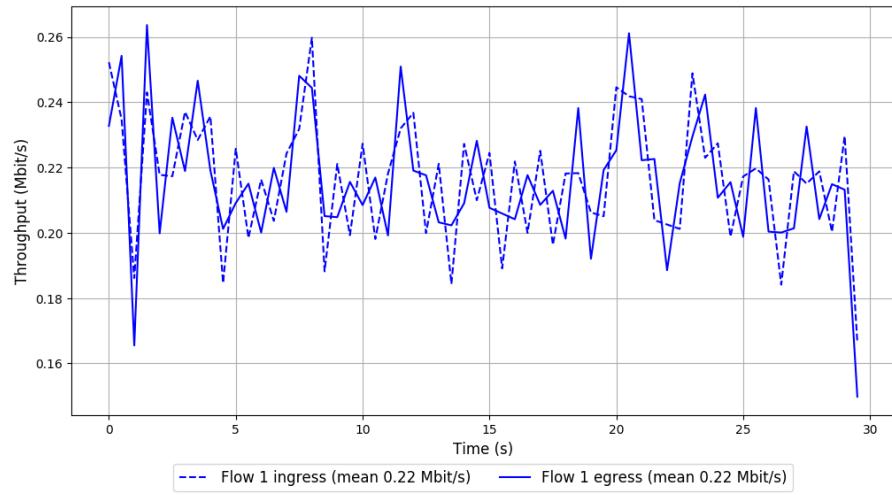


Run 8: Statistics of SCReAM

```
Start at: 2017-09-18 00:49:22
End at: 2017-09-18 00:49:52
Local clock offset: 0.762 ms
Remote clock offset: -2.107 ms

# Below is generated by plot.py at 2017-09-18 05:23:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.574 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 28.574 ms
Loss rate: 0.25%
```

Run 8: Report of SCReAM — Data Link

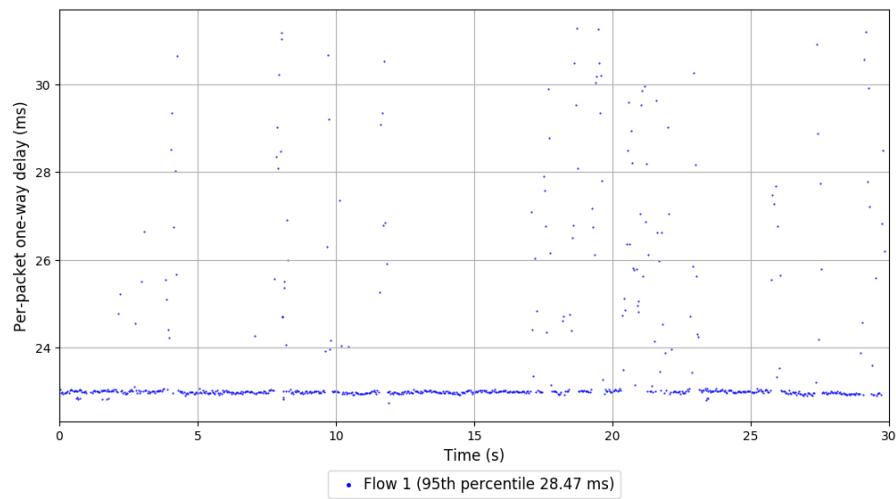
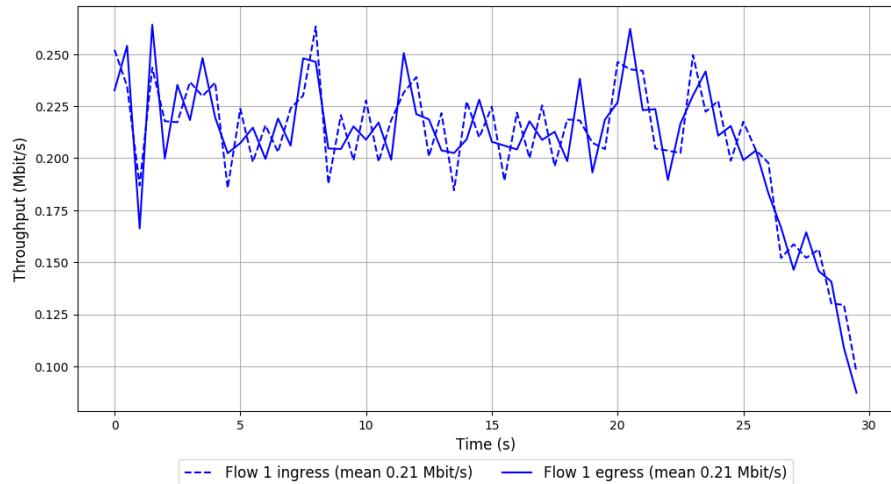


Run 9: Statistics of SCReAM

```
Start at: 2017-09-18 01:10:06
End at: 2017-09-18 01:10:36
Local clock offset: 0.798 ms
Remote clock offset: 0.378 ms

# Below is generated by plot.py at 2017-09-18 05:23:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 28.474 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 28.474 ms
Loss rate: 0.39%
```

Run 9: Report of SCReAM — Data Link

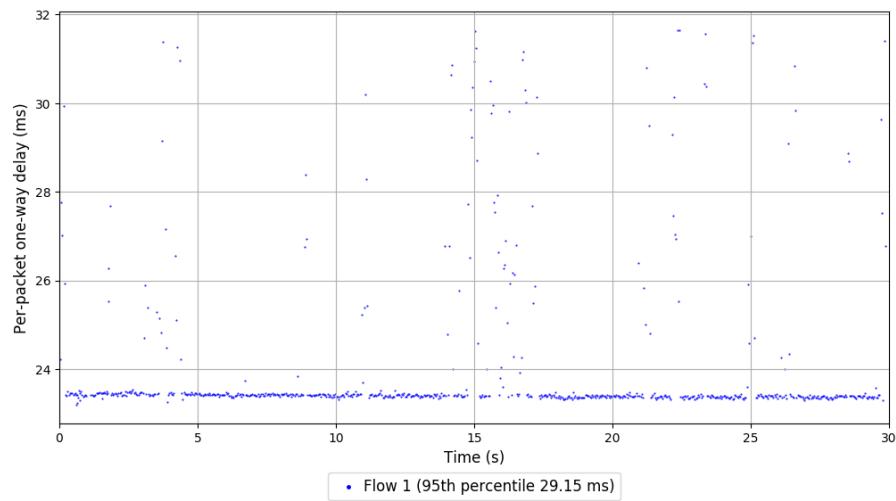
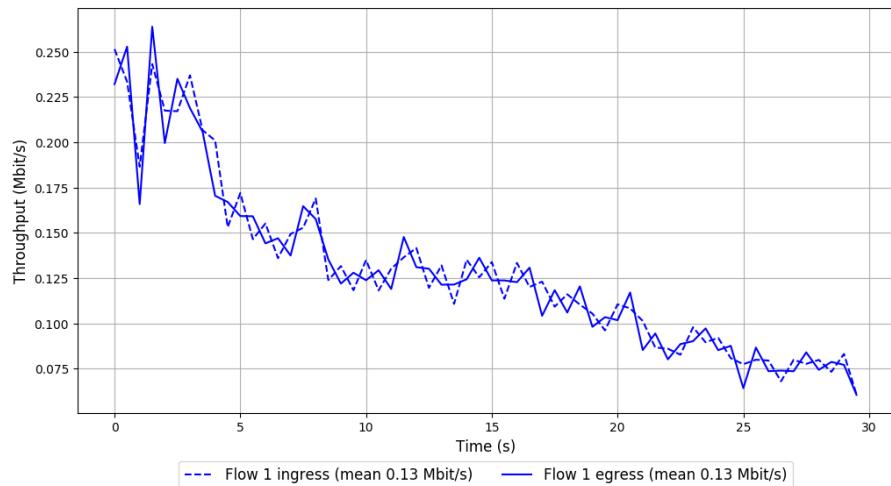


Run 10: Statistics of SCReAM

```
Start at: 2017-09-18 01:30:25
End at: 2017-09-18 01:30:55
Local clock offset: 0.436 ms
Remote clock offset: -0.061 ms

# Below is generated by plot.py at 2017-09-18 05:23:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 29.153 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 29.153 ms
Loss rate: 0.86%
```

Run 10: Report of SCReAM — Data Link

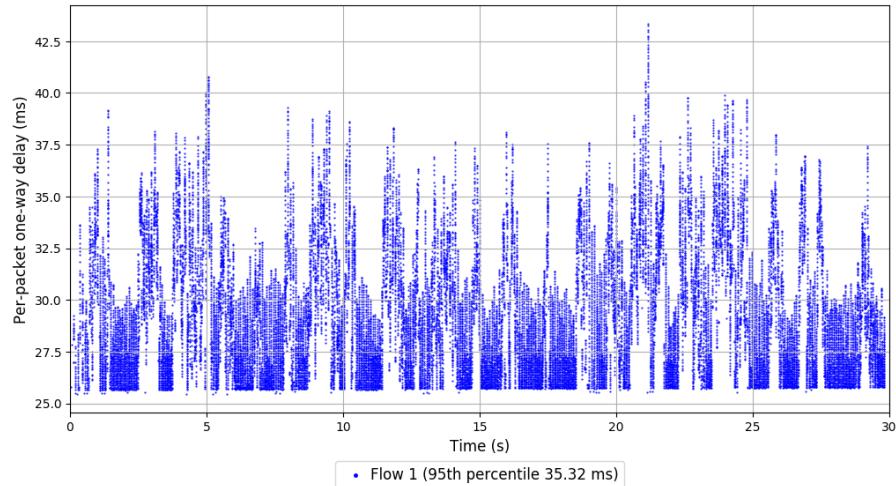
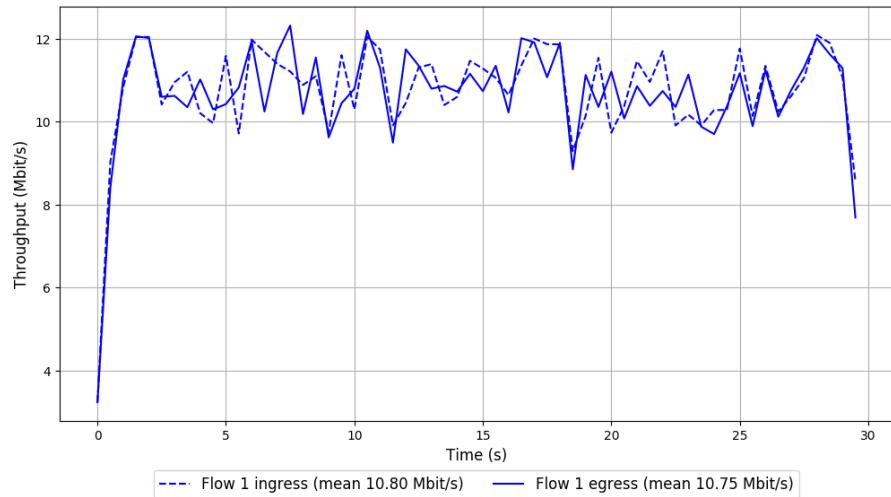


Run 1: Statistics of Sprout

```
Start at: 2017-09-17 22:23:04
End at: 2017-09-17 22:23:34
Local clock offset: -5.531 ms
Remote clock offset: -2.538 ms

# Below is generated by plot.py at 2017-09-18 05:23:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.75 Mbit/s
95th percentile per-packet one-way delay: 35.318 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 10.75 Mbit/s
95th percentile per-packet one-way delay: 35.318 ms
Loss rate: 0.69%
```

### Run 1: Report of Sprout — Data Link

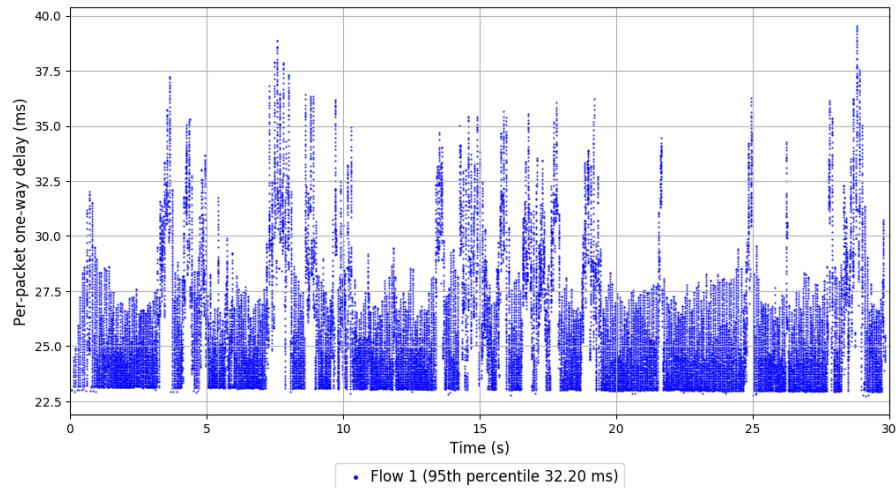
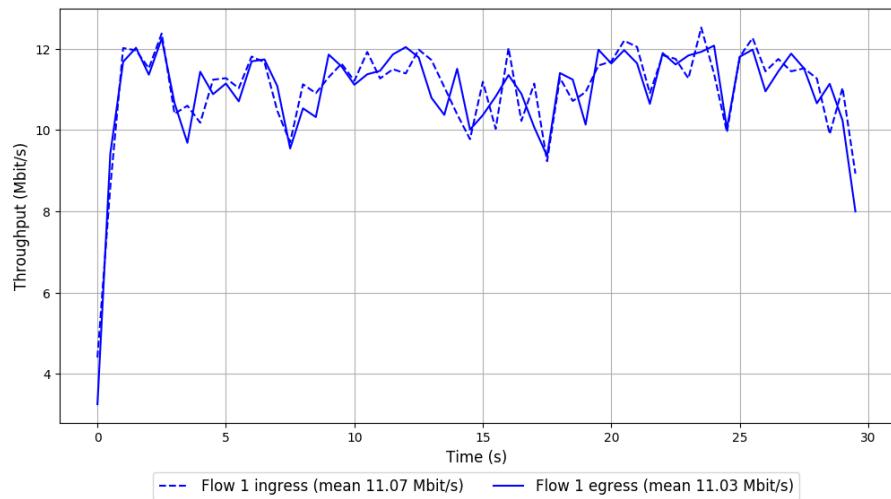


Run 2: Statistics of Sprout

```
Start at: 2017-09-17 22:43:49
End at: 2017-09-17 22:44:19
Local clock offset: -7.884 ms
Remote clock offset: 0.085 ms

# Below is generated by plot.py at 2017-09-18 05:23:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.03 Mbit/s
95th percentile per-packet one-way delay: 32.203 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 11.03 Mbit/s
95th percentile per-packet one-way delay: 32.203 ms
Loss rate: 0.61%
```

Run 2: Report of Sprout — Data Link

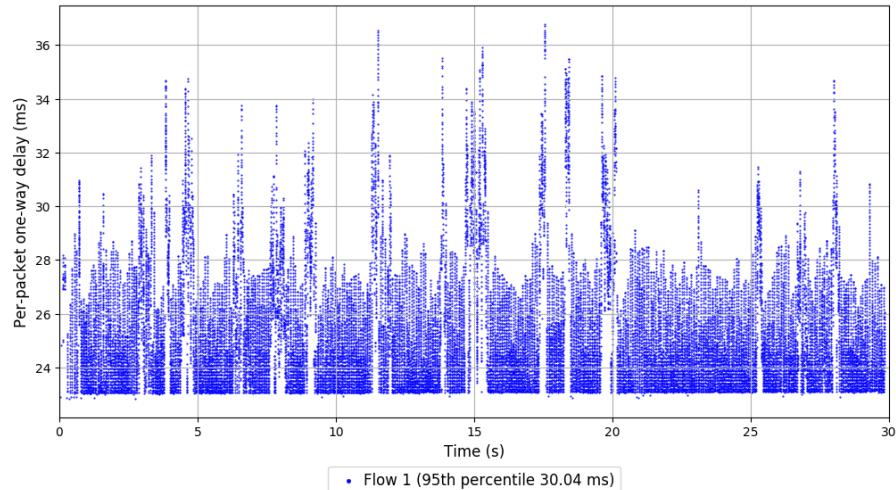
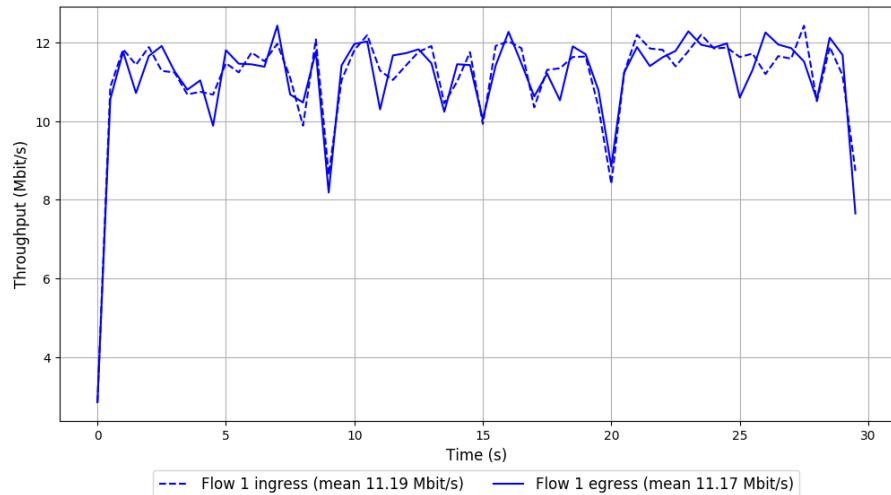


Run 3: Statistics of Sprout

```
Start at: 2017-09-17 23:04:11
End at: 2017-09-17 23:04:41
Local clock offset: 1.098 ms
Remote clock offset: 0.976 ms

# Below is generated by plot.py at 2017-09-18 05:23:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.17 Mbit/s
95th percentile per-packet one-way delay: 30.035 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 11.17 Mbit/s
95th percentile per-packet one-way delay: 30.035 ms
Loss rate: 0.35%
```

### Run 3: Report of Sprout — Data Link

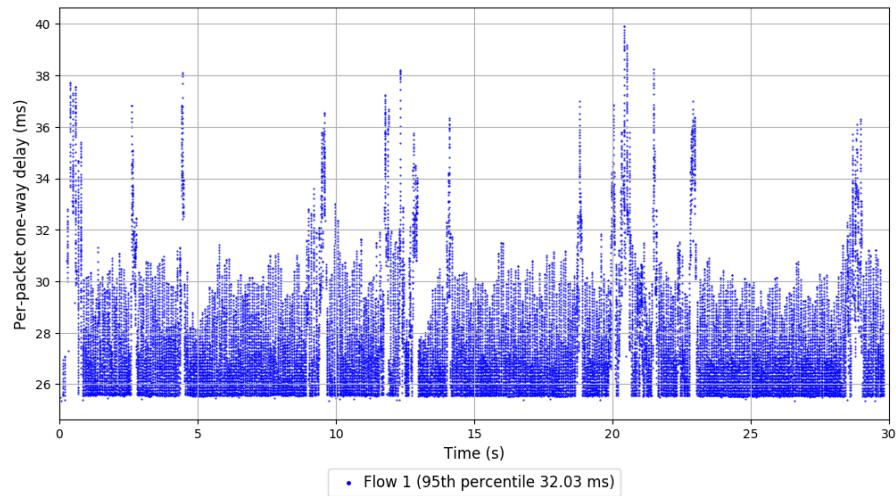
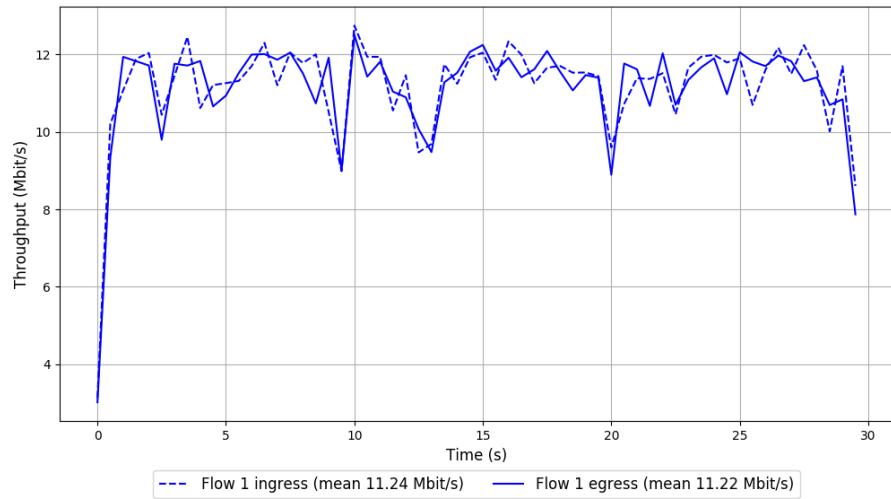


Run 4: Statistics of Sprout

```
Start at: 2017-09-17 23:24:56
End at: 2017-09-17 23:25:26
Local clock offset: 0.412 ms
Remote clock offset: -1.609 ms

# Below is generated by plot.py at 2017-09-18 05:23:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.22 Mbit/s
95th percentile per-packet one-way delay: 32.033 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 11.22 Mbit/s
95th percentile per-packet one-way delay: 32.033 ms
Loss rate: 0.44%
```

## Run 4: Report of Sprout — Data Link

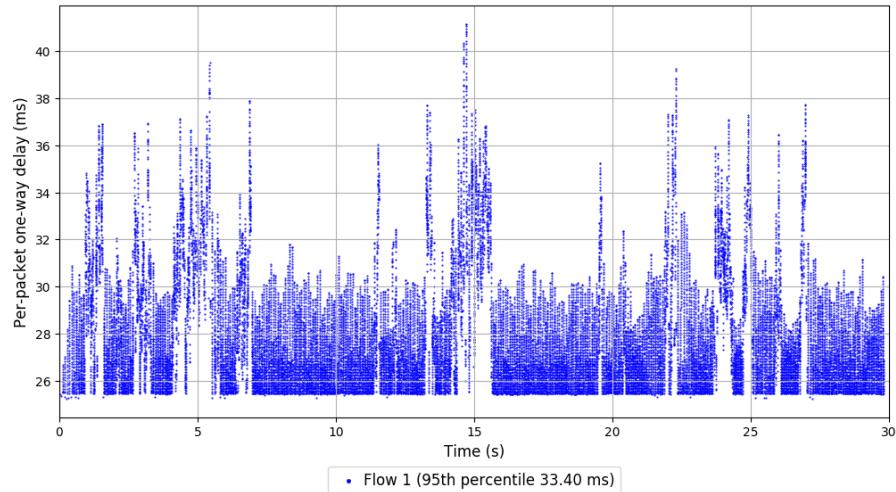
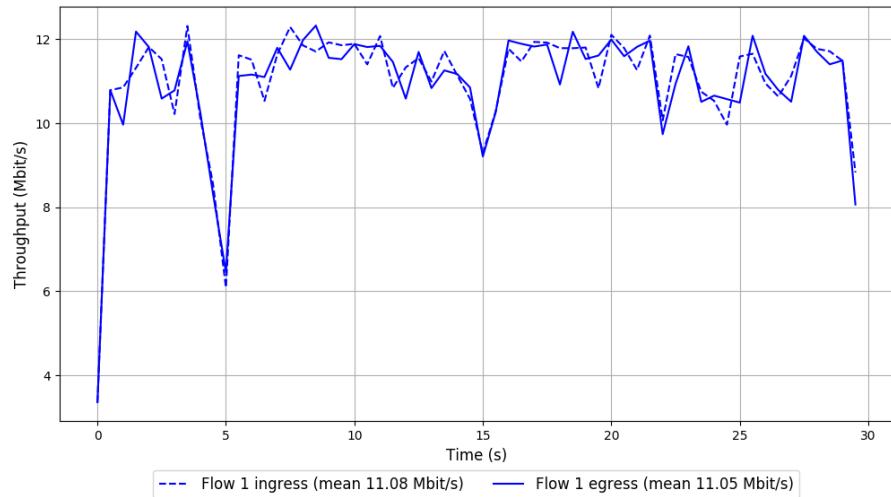


Run 5: Statistics of Sprout

```
Start at: 2017-09-17 23:45:45
End at: 2017-09-17 23:46:15
Local clock offset: 0.697 ms
Remote clock offset: -1.491 ms

# Below is generated by plot.py at 2017-09-18 05:23:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.05 Mbit/s
95th percentile per-packet one-way delay: 33.403 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 11.05 Mbit/s
95th percentile per-packet one-way delay: 33.403 ms
Loss rate: 0.52%
```

Run 5: Report of Sprout — Data Link

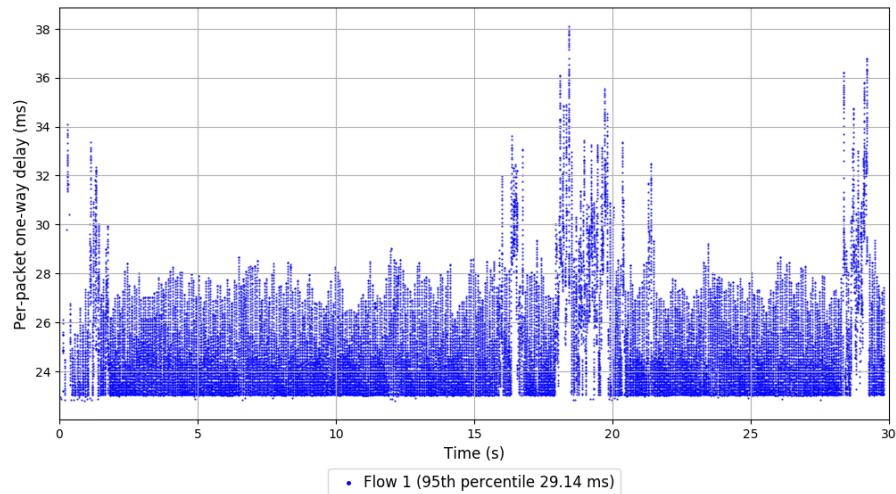
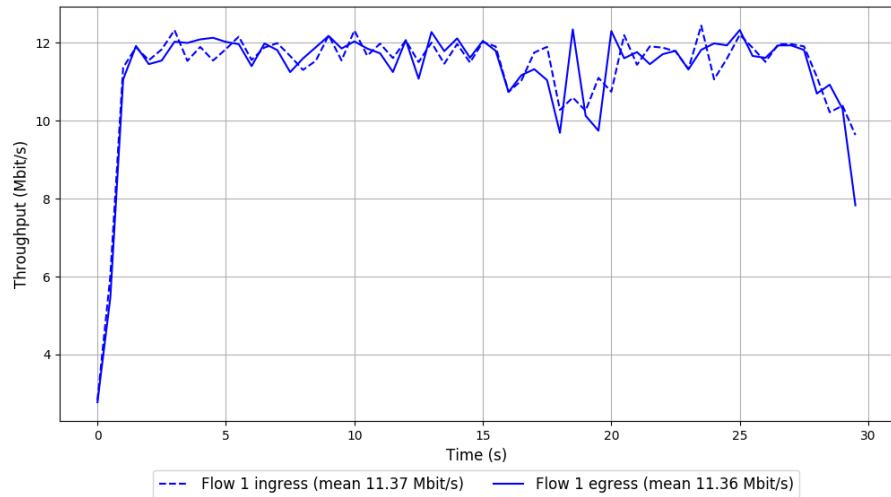


Run 6: Statistics of Sprout

```
Start at: 2017-09-18 00:06:09
End at: 2017-09-18 00:06:39
Local clock offset: 0.428 ms
Remote clock offset: 0.929 ms

# Below is generated by plot.py at 2017-09-18 05:23:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.36 Mbit/s
95th percentile per-packet one-way delay: 29.136 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 11.36 Mbit/s
95th percentile per-packet one-way delay: 29.136 ms
Loss rate: 0.34%
```

Run 6: Report of Sprout — Data Link

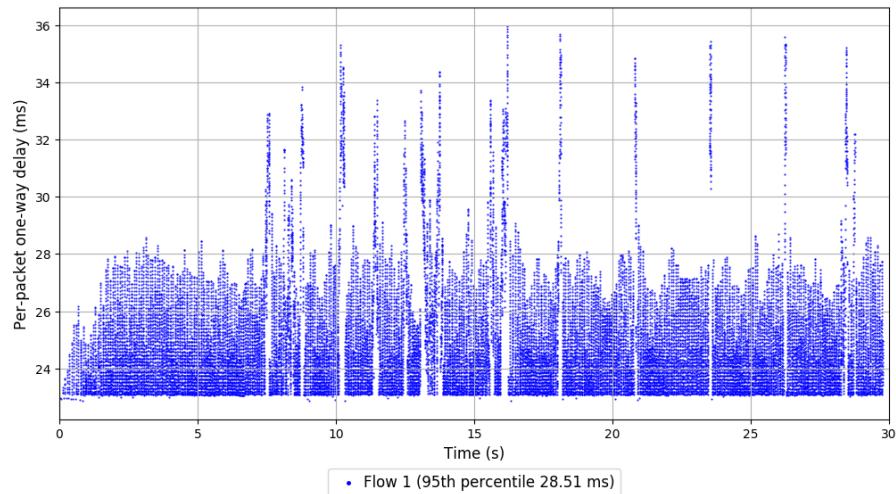
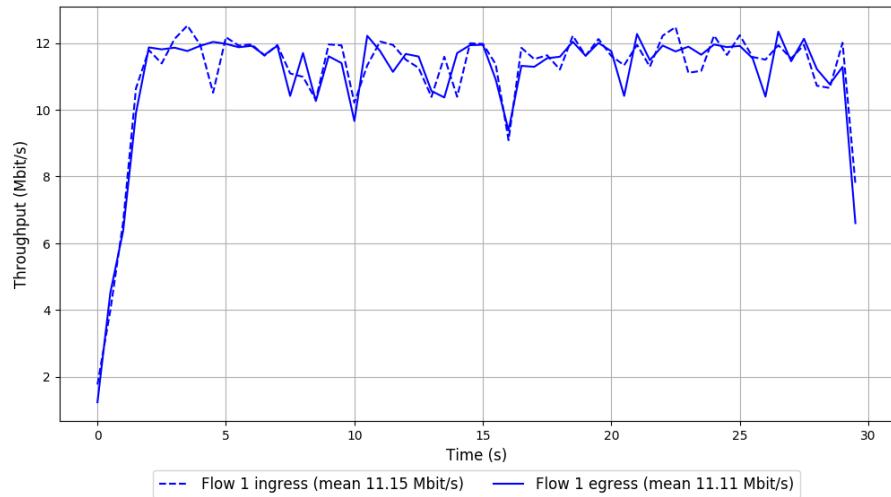


Run 7: Statistics of Sprout

```
Start at: 2017-09-18 00:26:29
End at: 2017-09-18 00:26:59
Local clock offset: 0.571 ms
Remote clock offset: 0.565 ms

# Below is generated by plot.py at 2017-09-18 05:23:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.11 Mbit/s
95th percentile per-packet one-way delay: 28.514 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 11.11 Mbit/s
95th percentile per-packet one-way delay: 28.514 ms
Loss rate: 0.67%
```

## Run 7: Report of Sprout — Data Link

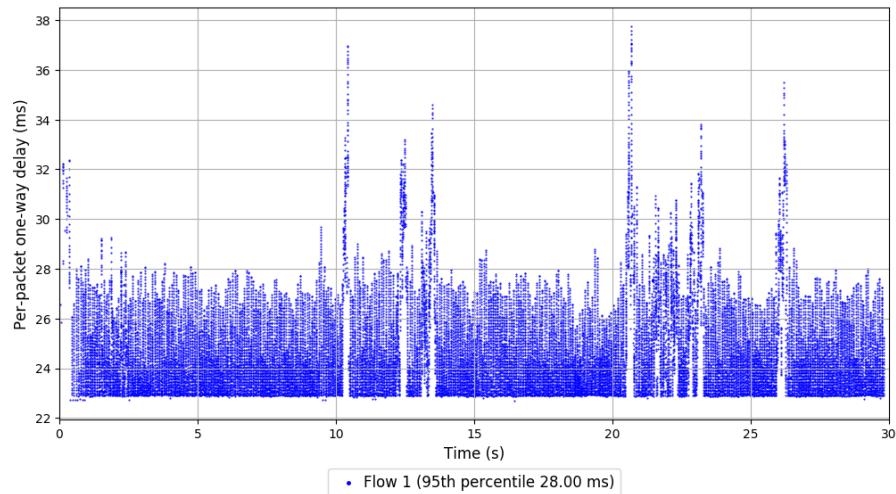
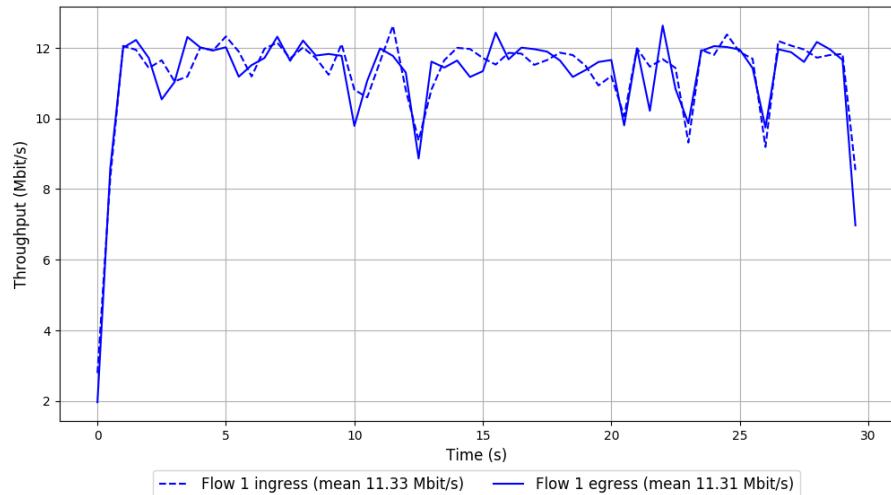


Run 8: Statistics of Sprout

```
Start at: 2017-09-18 00:46:45
End at: 2017-09-18 00:47:15
Local clock offset: 0.732 ms
Remote clock offset: 0.416 ms

# Below is generated by plot.py at 2017-09-18 05:23:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.31 Mbit/s
95th percentile per-packet one-way delay: 27.996 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 11.31 Mbit/s
95th percentile per-packet one-way delay: 27.996 ms
Loss rate: 0.43%
```

## Run 8: Report of Sprout — Data Link

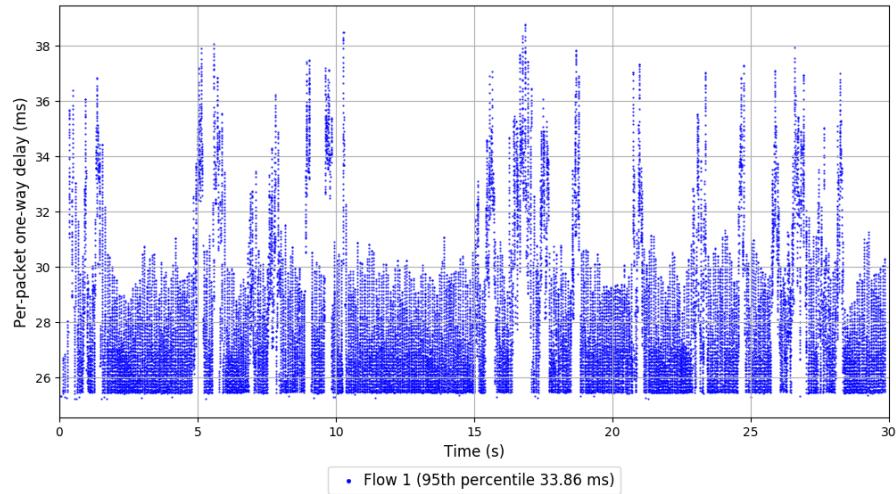
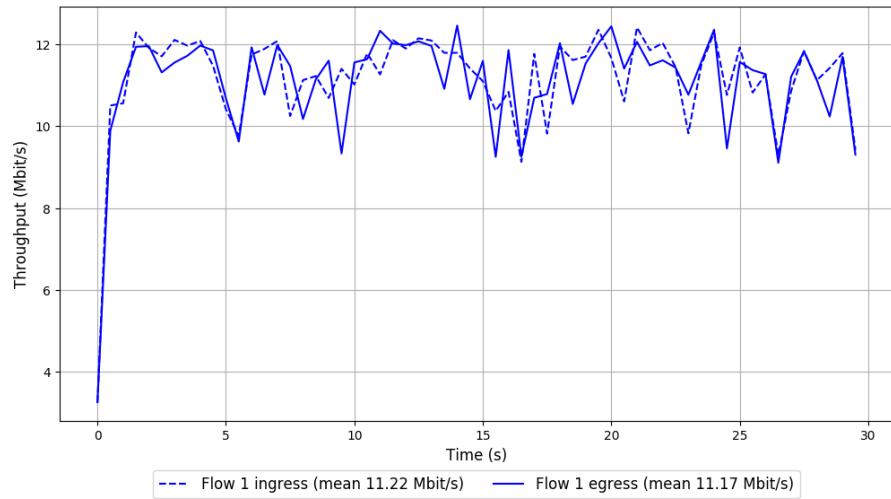


Run 9: Statistics of Sprout

```
Start at: 2017-09-18 01:07:30
End at: 2017-09-18 01:08:00
Local clock offset: 0.706 ms
Remote clock offset: -2.22 ms

# Below is generated by plot.py at 2017-09-18 05:23:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.17 Mbit/s
95th percentile per-packet one-way delay: 33.857 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 11.17 Mbit/s
95th percentile per-packet one-way delay: 33.857 ms
Loss rate: 0.72%
```

### Run 9: Report of Sprout — Data Link

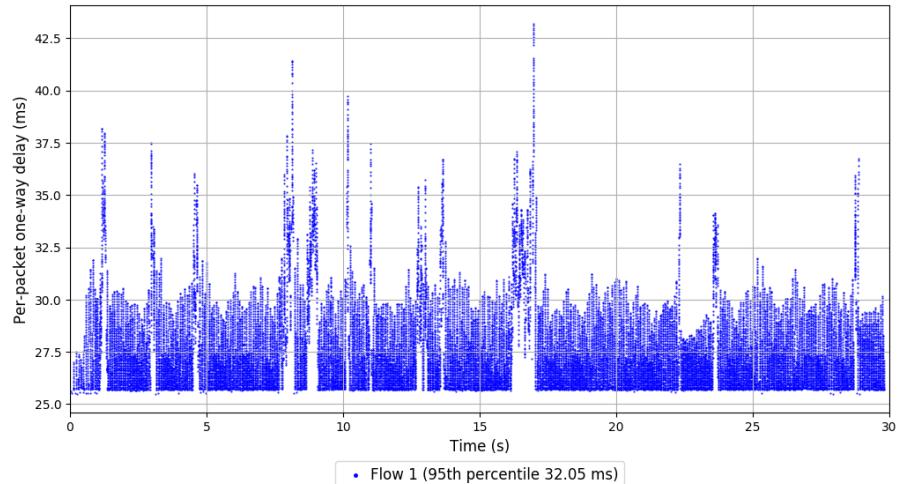
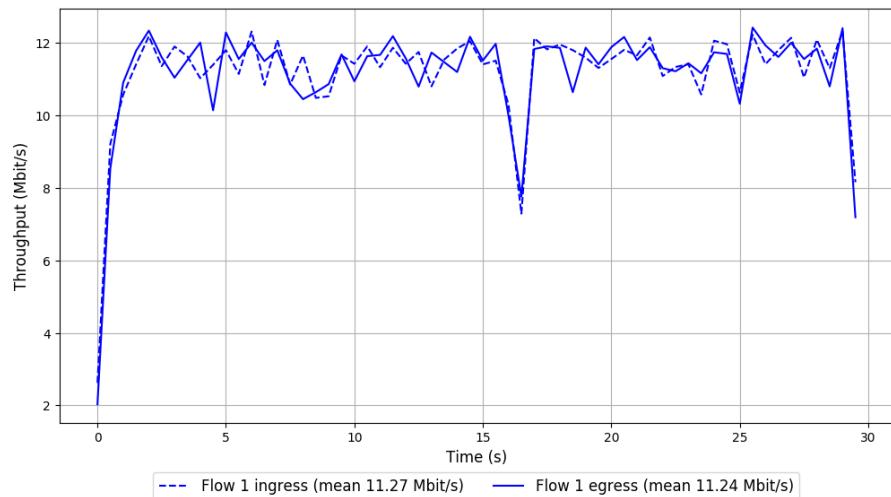


Run 10: Statistics of Sprout

```
Start at: 2017-09-18 01:27:49
End at: 2017-09-18 01:28:19
Local clock offset: 0.489 ms
Remote clock offset: -2.306 ms

# Below is generated by plot.py at 2017-09-18 05:23:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.24 Mbit/s
95th percentile per-packet one-way delay: 32.055 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 11.24 Mbit/s
95th percentile per-packet one-way delay: 32.055 ms
Loss rate: 0.40%
```

## Run 10: Report of Sprout — Data Link

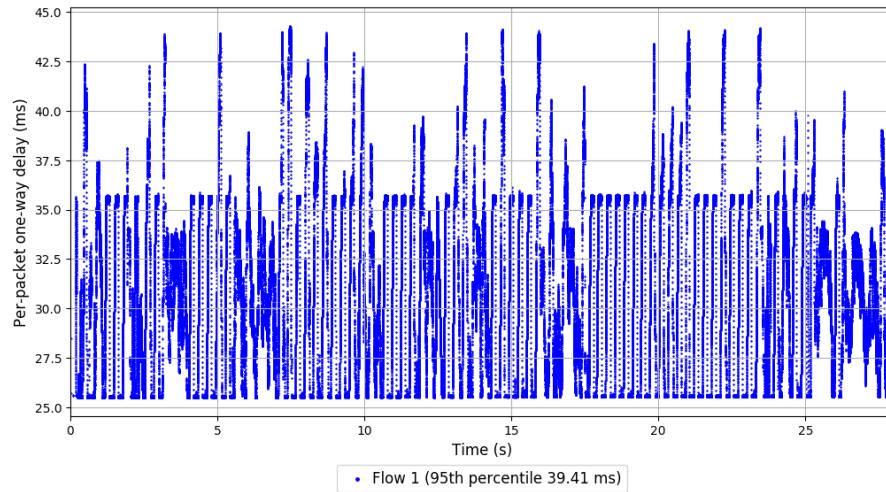
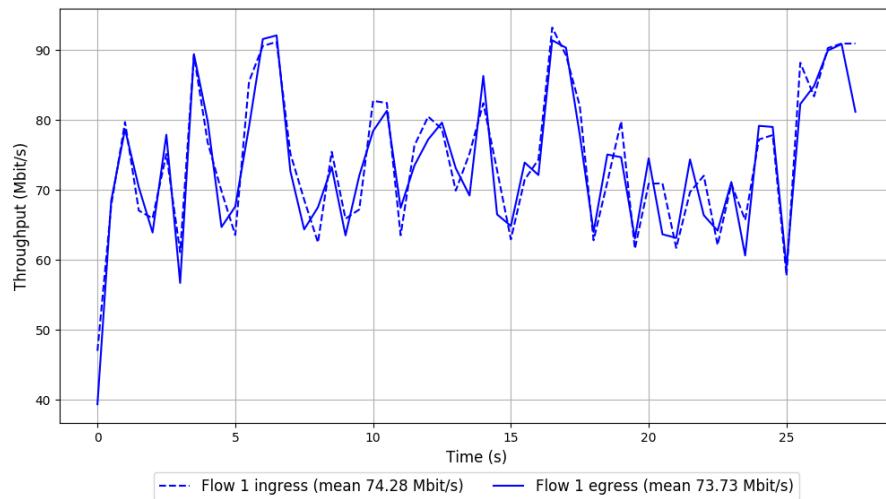


Run 1: Statistics of TaoVA-100x

```
Start at: 2017-09-17 22:15:49
End at: 2017-09-17 22:16:19
Local clock offset: -5.49 ms
Remote clock offset: -2.658 ms

# Below is generated by plot.py at 2017-09-18 05:25:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.73 Mbit/s
95th percentile per-packet one-way delay: 39.415 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 73.73 Mbit/s
95th percentile per-packet one-way delay: 39.415 ms
Loss rate: 1.00%
```

Run 1: Report of TaoVA-100x — Data Link

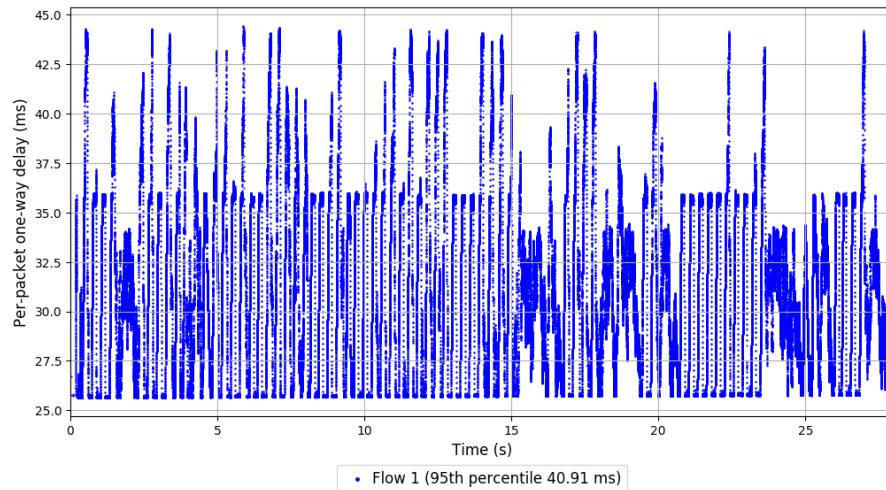
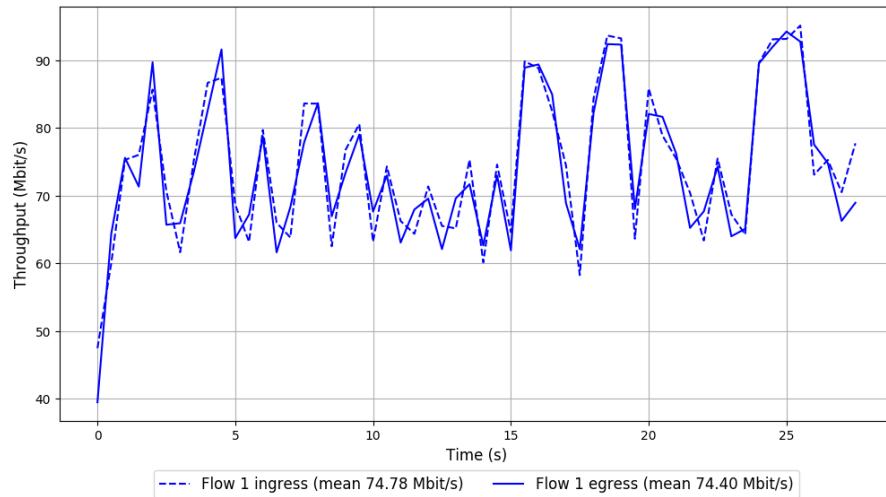


Run 2: Statistics of TaoVA-100x

```
Start at: 2017-09-17 22:36:39
End at: 2017-09-17 22:37:09
Local clock offset: -6.471 ms
Remote clock offset: -2.272 ms

# Below is generated by plot.py at 2017-09-18 05:25:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.40 Mbit/s
95th percentile per-packet one-way delay: 40.911 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 74.40 Mbit/s
95th percentile per-packet one-way delay: 40.911 ms
Loss rate: 0.78%
```

Run 2: Report of TaoVA-100x — Data Link

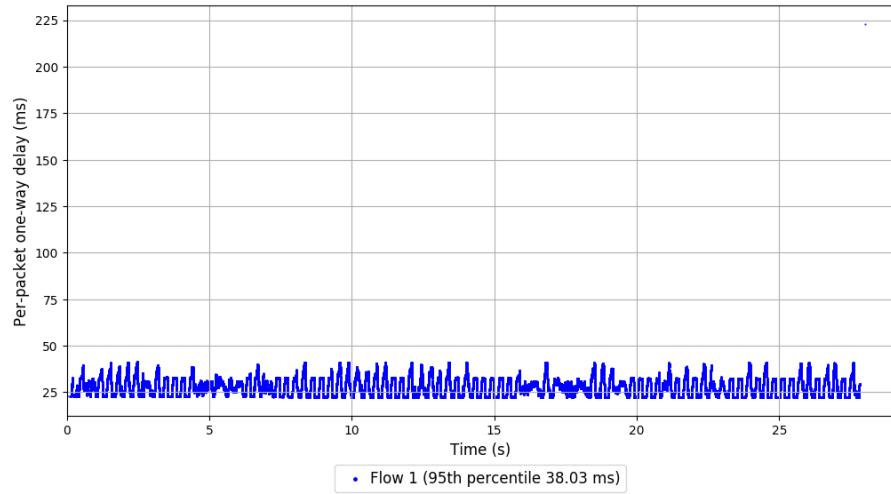
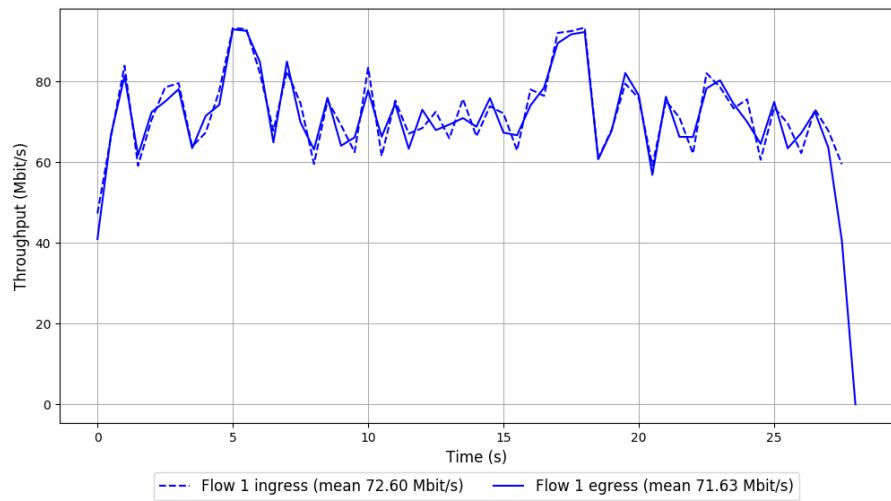


Run 3: Statistics of TaoVA-100x

```
Start at: 2017-09-17 22:57:25
End at: 2017-09-17 22:57:55
Local clock offset: -3.868 ms
Remote clock offset: 0.366 ms

# Below is generated by plot.py at 2017-09-18 05:25:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.63 Mbit/s
95th percentile per-packet one-way delay: 38.026 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 71.63 Mbit/s
95th percentile per-packet one-way delay: 38.026 ms
Loss rate: 1.08%
```

Run 3: Report of TaoVA-100x — Data Link

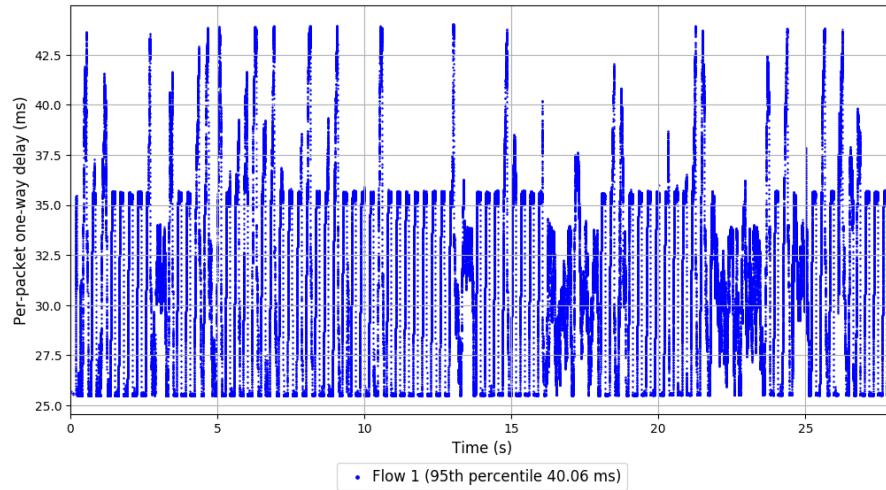
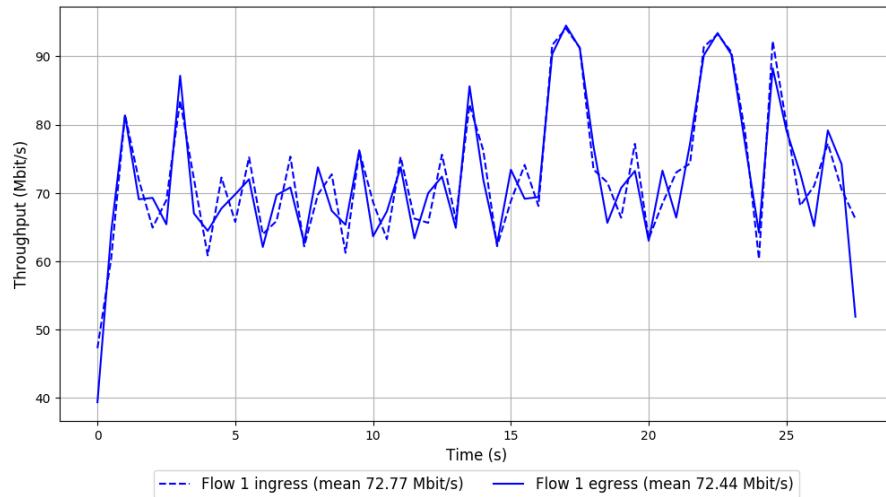


Run 4: Statistics of TaoVA-100x

```
Start at: 2017-09-17 23:17:50
End at: 2017-09-17 23:18:20
Local clock offset: 0.066 ms
Remote clock offset: -1.559 ms

# Below is generated by plot.py at 2017-09-18 05:25:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.44 Mbit/s
95th percentile per-packet one-way delay: 40.056 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 72.44 Mbit/s
95th percentile per-packet one-way delay: 40.056 ms
Loss rate: 0.71%
```

Run 4: Report of TaoVA-100x — Data Link

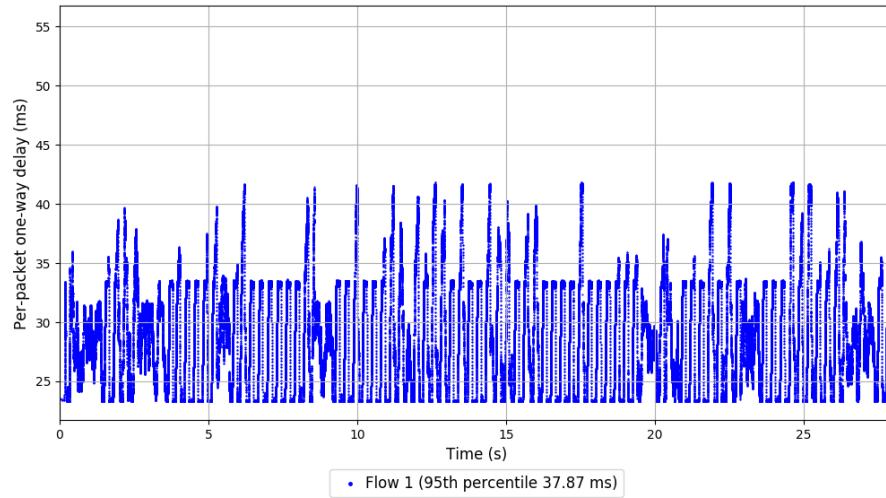
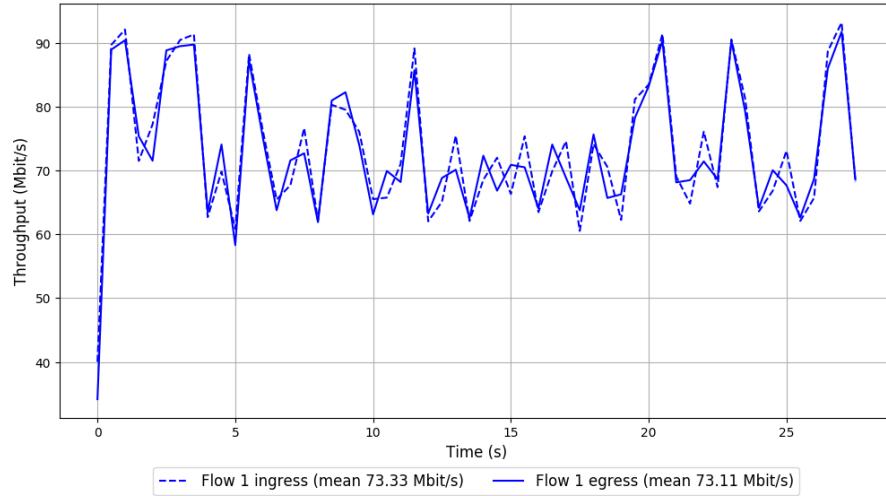


Run 5: Statistics of TaoVA-100x

```
Start at: 2017-09-17 23:38:34
End at: 2017-09-17 23:39:04
Local clock offset: 0.538 ms
Remote clock offset: 0.66 ms

# Below is generated by plot.py at 2017-09-18 05:25:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.11 Mbit/s
95th percentile per-packet one-way delay: 37.874 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 73.11 Mbit/s
95th percentile per-packet one-way delay: 37.874 ms
Loss rate: 0.56%
```

Run 5: Report of TaoVA-100x — Data Link

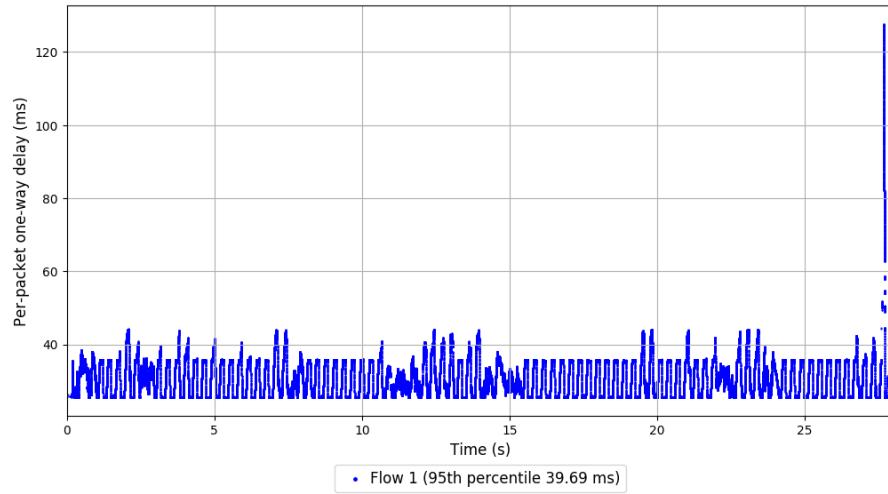
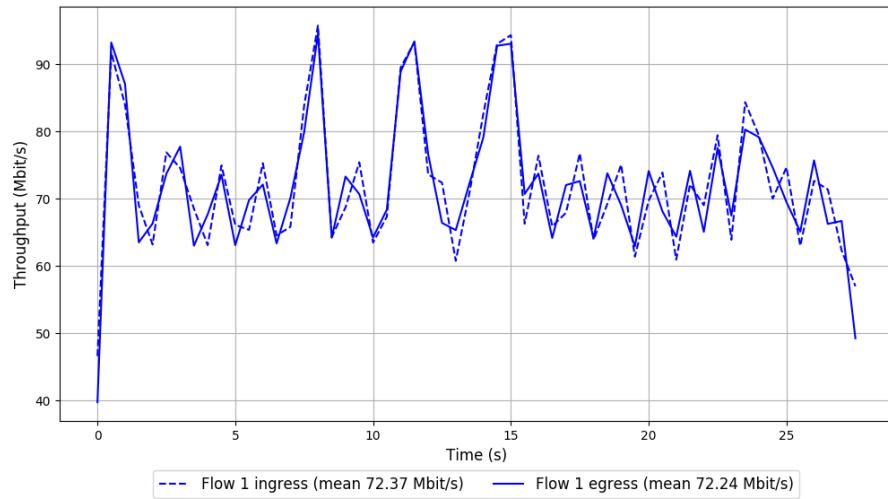


Run 6: Statistics of TaoVA-100x

```
Start at: 2017-09-17 23:59:15
End at: 2017-09-17 23:59:45
Local clock offset: 0.602 ms
Remote clock offset: -1.589 ms

# Below is generated by plot.py at 2017-09-18 05:25:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.24 Mbit/s
95th percentile per-packet one-way delay: 39.693 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 72.24 Mbit/s
95th percentile per-packet one-way delay: 39.693 ms
Loss rate: 0.44%
```

Run 6: Report of TaoVA-100x — Data Link

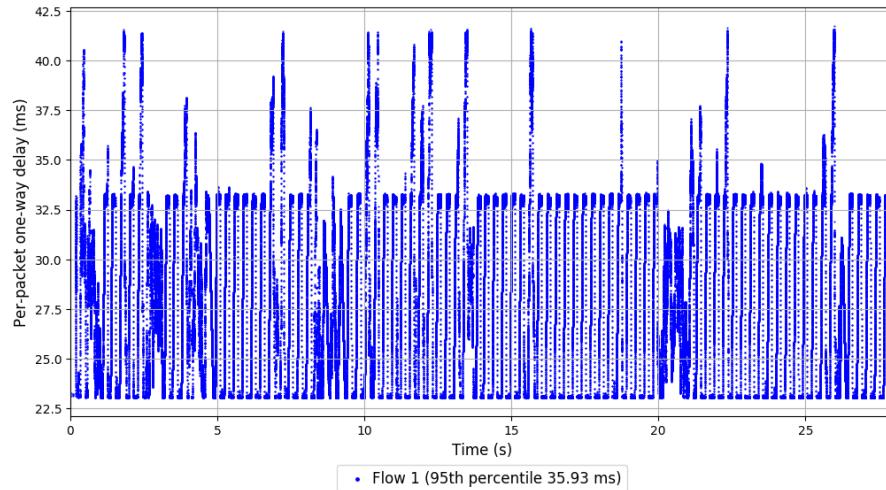
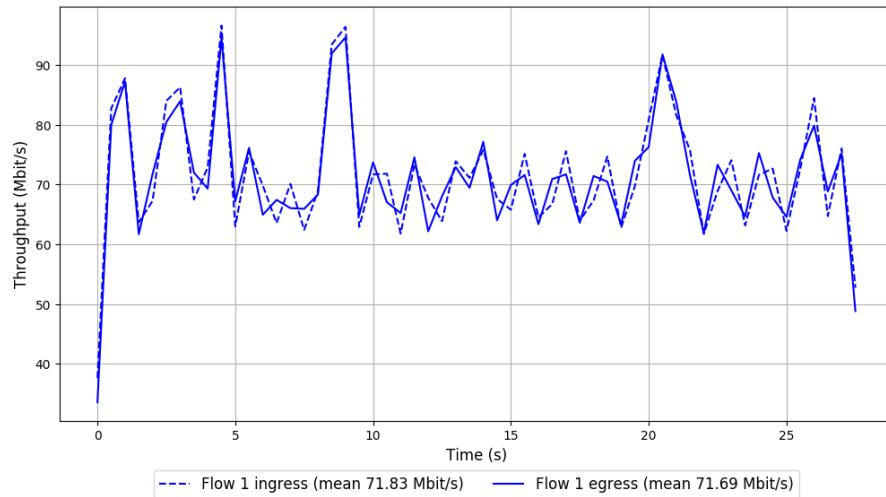


Run 7: Statistics of TaoVA-100x

```
Start at: 2017-09-18 00:19:34
End at: 2017-09-18 00:20:04
Local clock offset: 0.582 ms
Remote clock offset: 0.709 ms

# Below is generated by plot.py at 2017-09-18 05:25:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.69 Mbit/s
95th percentile per-packet one-way delay: 35.926 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 71.69 Mbit/s
95th percentile per-packet one-way delay: 35.926 ms
Loss rate: 0.46%
```

Run 7: Report of TaoVA-100x — Data Link

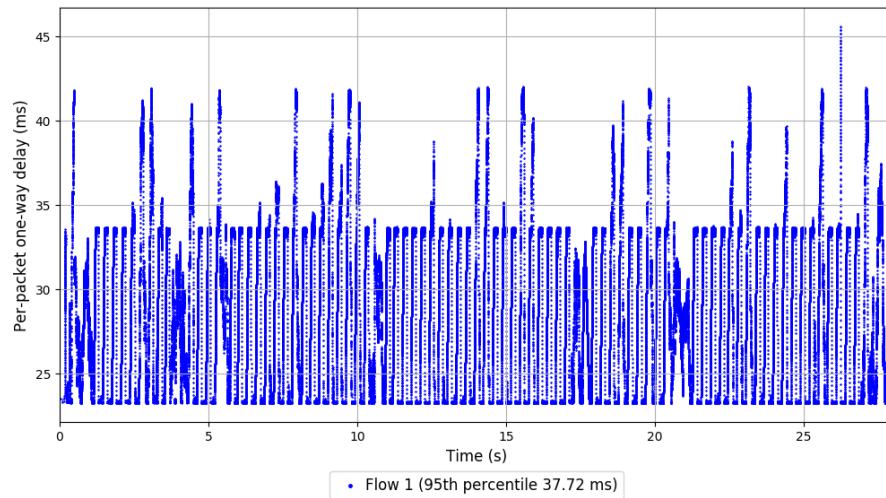
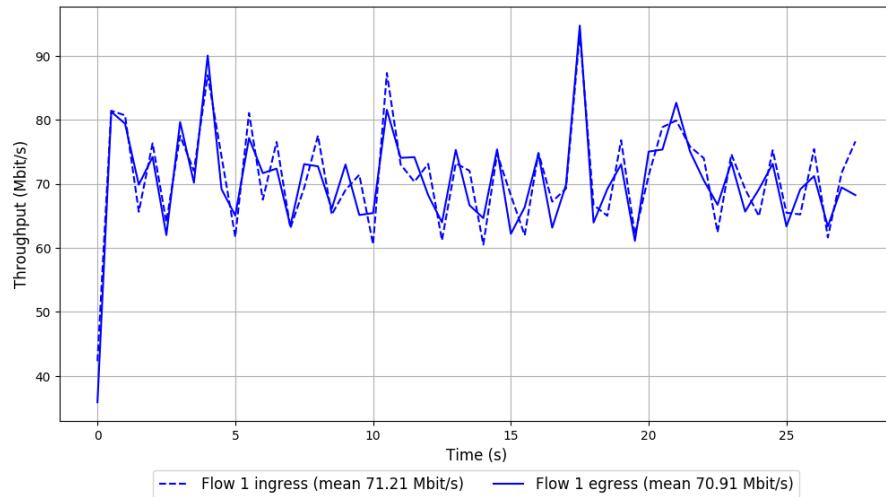


Run 8: Statistics of TaoVA-100x

```
Start at: 2017-09-18 00:39:48
End at: 2017-09-18 00:40:18
Local clock offset: 0.757 ms
Remote clock offset: 0.111 ms

# Below is generated by plot.py at 2017-09-18 05:25:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.91 Mbit/s
95th percentile per-packet one-way delay: 37.724 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 70.91 Mbit/s
95th percentile per-packet one-way delay: 37.724 ms
Loss rate: 0.69%
```

Run 8: Report of TaoVA-100x — Data Link

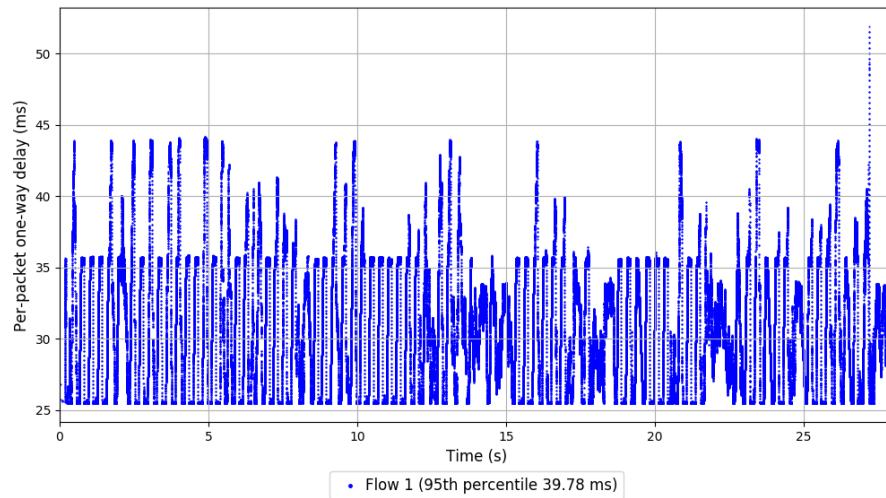
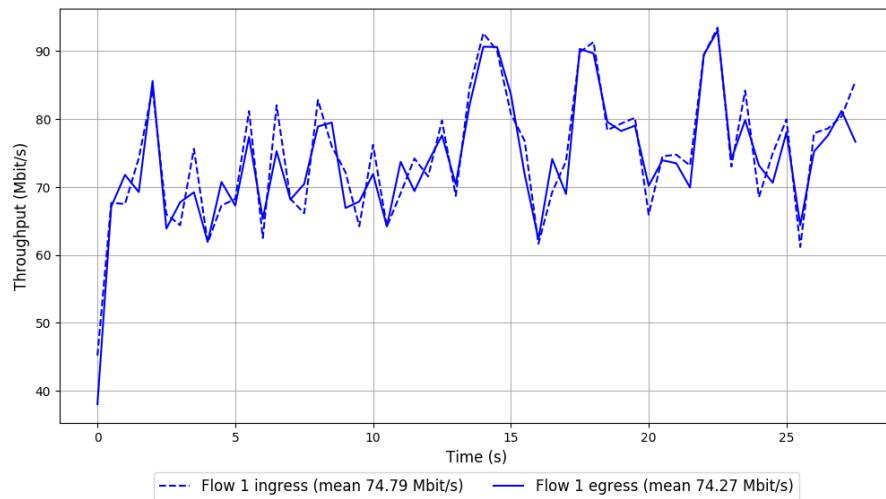


Run 9: Statistics of TaoVA-100x

```
Start at: 2017-09-18 01:00:20
End at: 2017-09-18 01:00:50
Local clock offset: 0.763 ms
Remote clock offset: -2.317 ms

# Below is generated by plot.py at 2017-09-18 05:27:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.27 Mbit/s
95th percentile per-packet one-way delay: 39.777 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 74.27 Mbit/s
95th percentile per-packet one-way delay: 39.777 ms
Loss rate: 0.96%
```

Run 9: Report of TaoVA-100x — Data Link

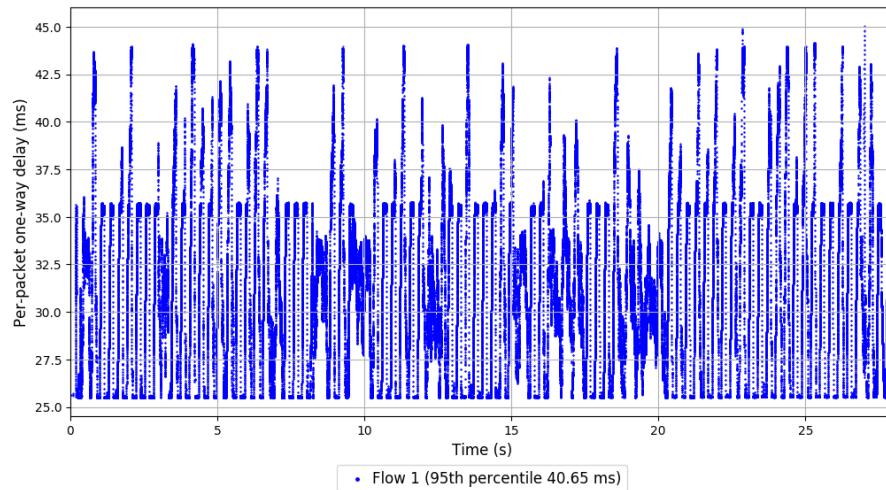
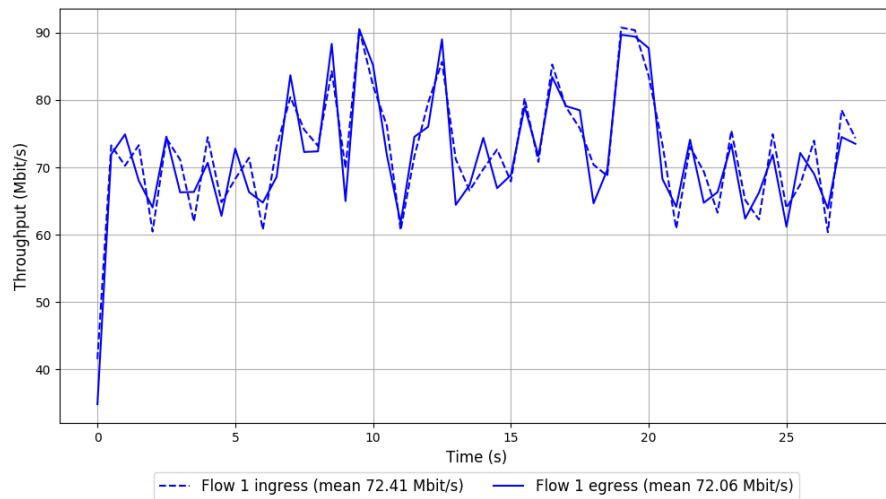


Run 10: Statistics of TaoVA-100x

```
Start at: 2017-09-18 01:20:56
End at: 2017-09-18 01:21:26
Local clock offset: 0.551 ms
Remote clock offset: -2.228 ms

# Below is generated by plot.py at 2017-09-18 05:27:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.06 Mbit/s
95th percentile per-packet one-way delay: 40.647 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 72.06 Mbit/s
95th percentile per-packet one-way delay: 40.647 ms
Loss rate: 0.75%
```

Run 10: Report of TaoVA-100x — Data Link

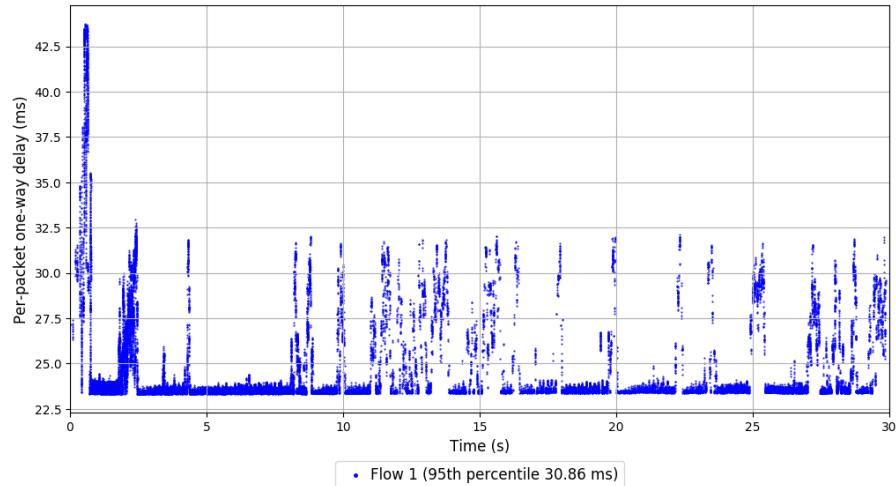
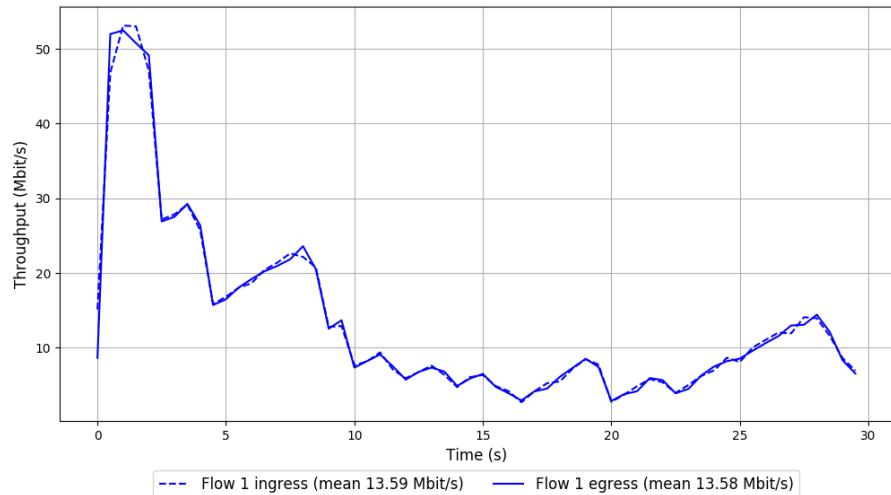


Run 1: Statistics of TCP Vegas

```
Start at: 2017-09-17 22:20:26
End at: 2017-09-17 22:20:56
Local clock offset: -5.37 ms
Remote clock offset: -0.506 ms

# Below is generated by plot.py at 2017-09-18 05:27:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.58 Mbit/s
95th percentile per-packet one-way delay: 30.863 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 13.58 Mbit/s
95th percentile per-packet one-way delay: 30.863 ms
Loss rate: 0.35%
```

Run 1: Report of TCP Vegas — Data Link

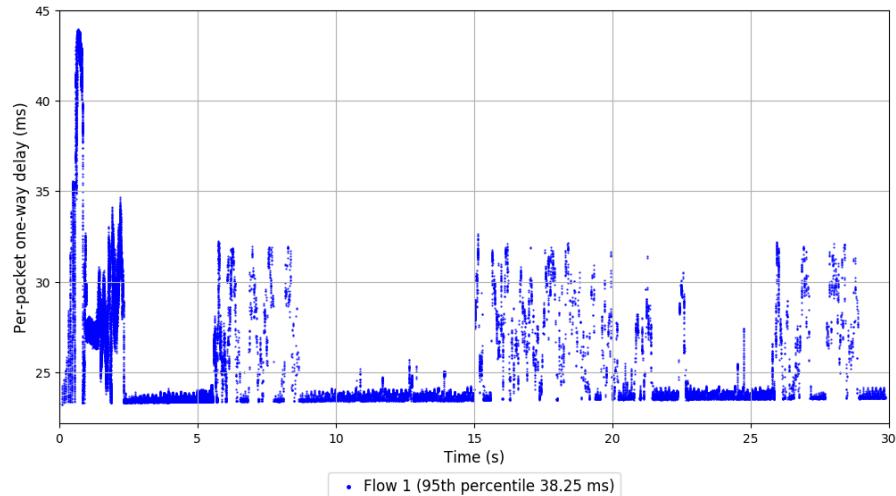
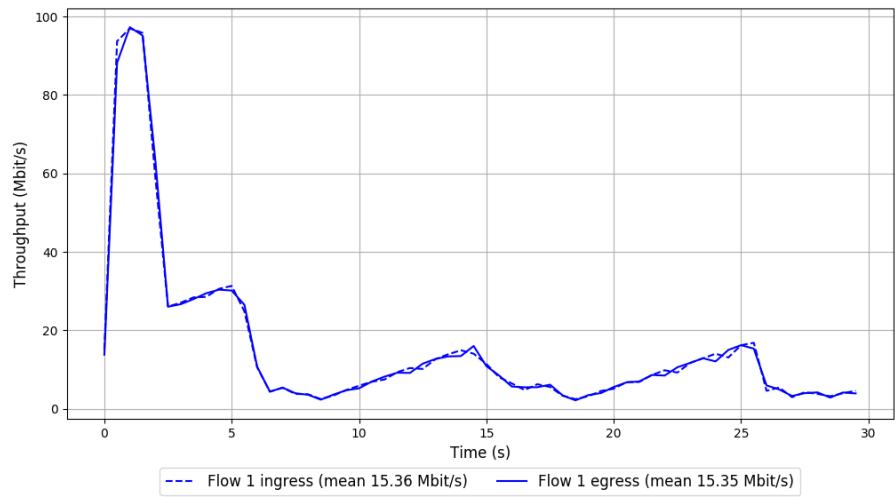


Run 2: Statistics of TCP Vegas

```
Start at: 2017-09-17 22:41:10
End at: 2017-09-17 22:41:40
Local clock offset: -7.727 ms
Remote clock offset: 0.347 ms

# Below is generated by plot.py at 2017-09-18 05:27:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 15.35 Mbit/s
95th percentile per-packet one-way delay: 38.246 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 15.35 Mbit/s
95th percentile per-packet one-way delay: 38.246 ms
Loss rate: 0.39%
```

## Run 2: Report of TCP Vegas — Data Link

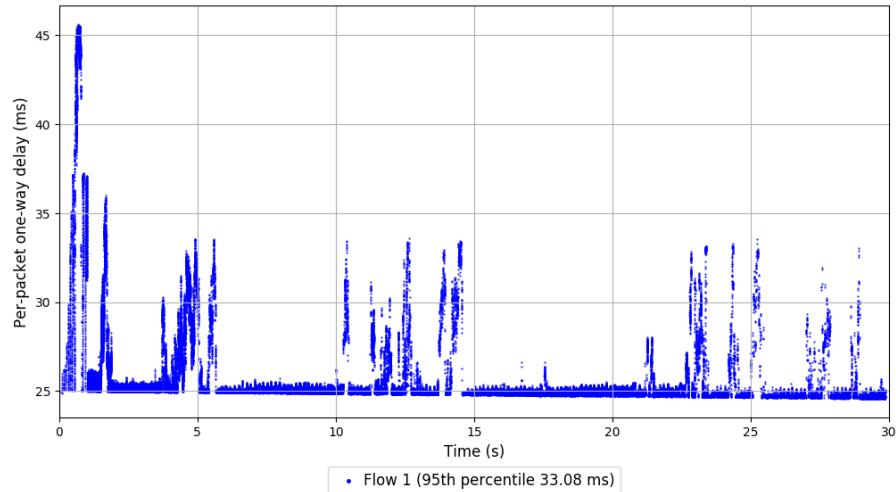
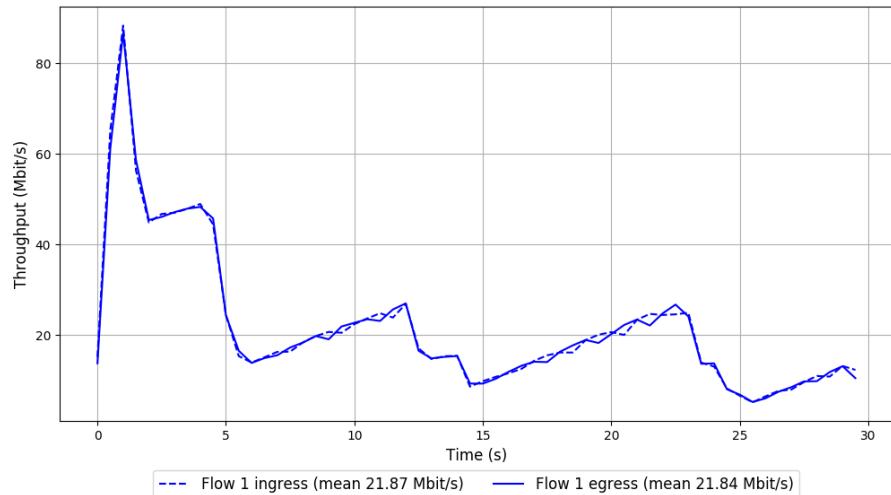


Run 3: Statistics of TCP Vegas

```
Start at: 2017-09-17 23:01:34
End at: 2017-09-17 23:02:04
Local clock offset: -0.648 ms
Remote clock offset: -1.534 ms

# Below is generated by plot.py at 2017-09-18 05:27:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.84 Mbit/s
95th percentile per-packet one-way delay: 33.080 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 21.84 Mbit/s
95th percentile per-packet one-way delay: 33.080 ms
Loss rate: 0.38%
```

### Run 3: Report of TCP Vegas — Data Link

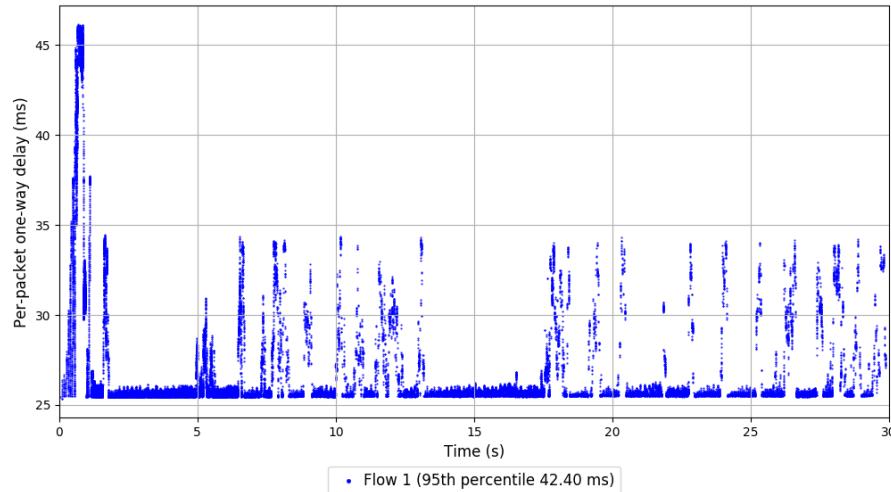
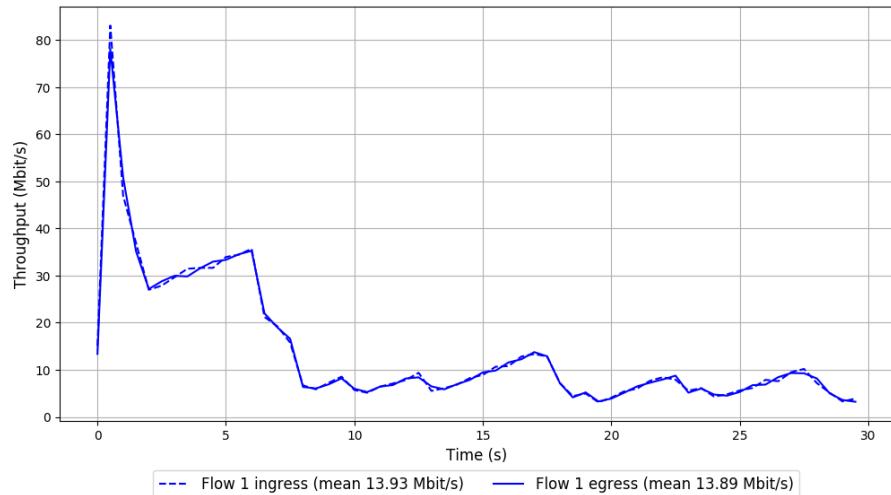


Run 4: Statistics of TCP Vegas

```
Start at: 2017-09-17 23:22:18
End at: 2017-09-17 23:22:48
Local clock offset: 0.227 ms
Remote clock offset: -1.581 ms

# Below is generated by plot.py at 2017-09-18 05:27:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.89 Mbit/s
95th percentile per-packet one-way delay: 42.403 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 13.89 Mbit/s
95th percentile per-packet one-way delay: 42.403 ms
Loss rate: 0.55%
```

### Run 4: Report of TCP Vegas — Data Link

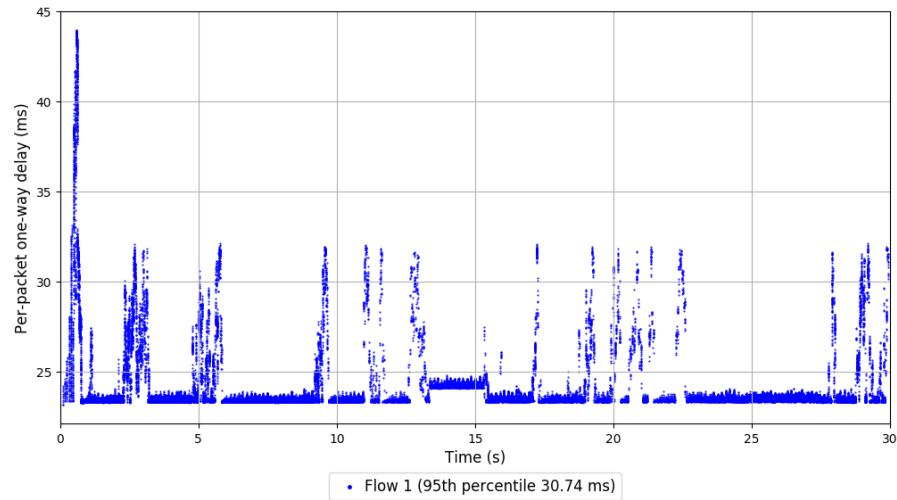
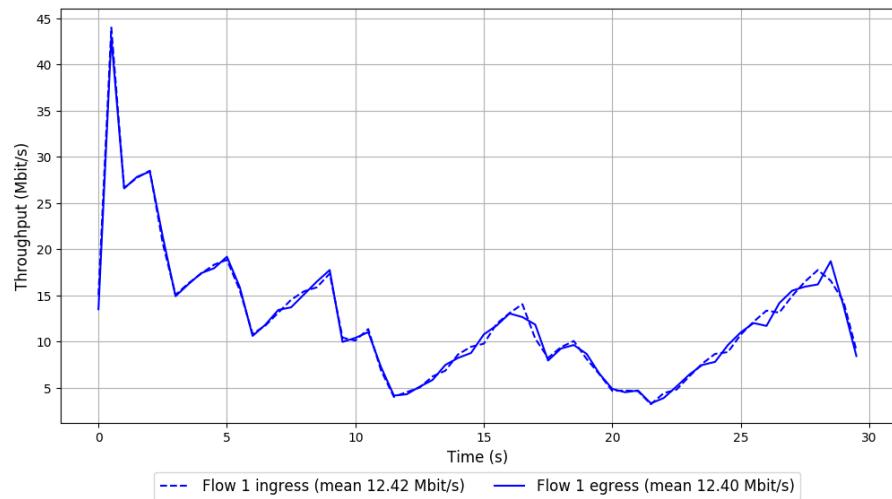


Run 5: Statistics of TCP Vegas

```
Start at: 2017-09-17 23:43:07
End at: 2017-09-17 23:43:37
Local clock offset: 0.659 ms
Remote clock offset: 0.618 ms

# Below is generated by plot.py at 2017-09-18 05:27:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.40 Mbit/s
95th percentile per-packet one-way delay: 30.744 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 12.40 Mbit/s
95th percentile per-packet one-way delay: 30.744 ms
Loss rate: 0.44%
```

### Run 5: Report of TCP Vegas — Data Link

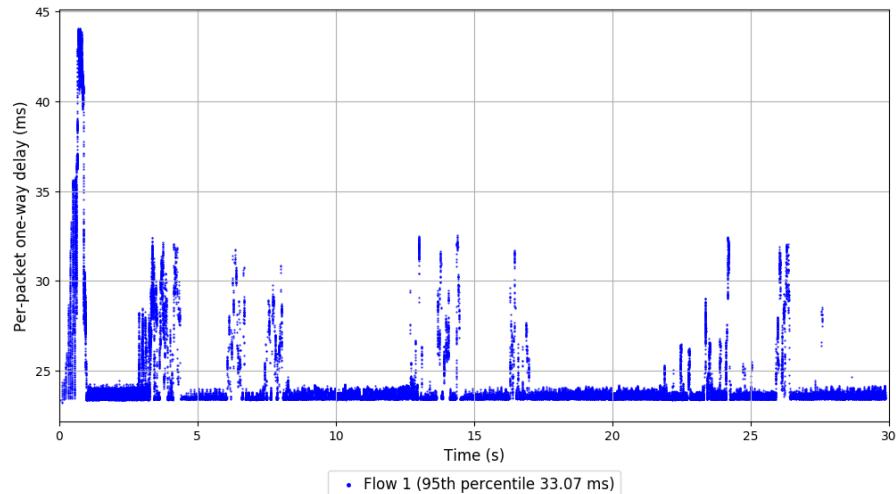
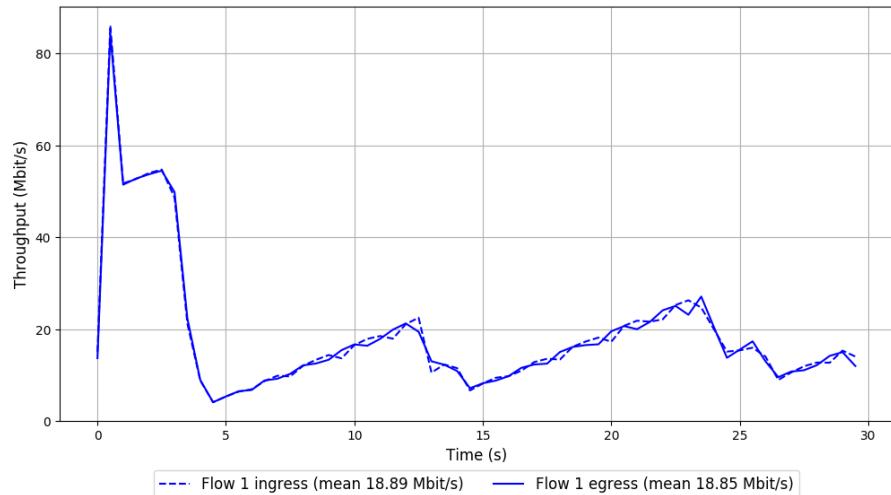


Run 6: Statistics of TCP Vegas

```
Start at: 2017-09-18 00:03:33
End at: 2017-09-18 00:04:03
Local clock offset: 0.559 ms
Remote clock offset: 0.555 ms

# Below is generated by plot.py at 2017-09-18 05:27:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.85 Mbit/s
95th percentile per-packet one-way delay: 33.071 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 18.85 Mbit/s
95th percentile per-packet one-way delay: 33.071 ms
Loss rate: 0.43%
```

Run 6: Report of TCP Vegas — Data Link

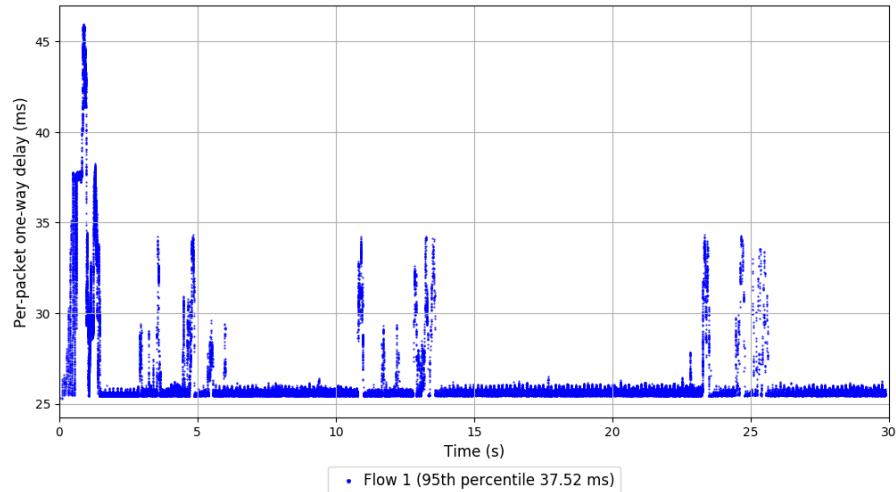
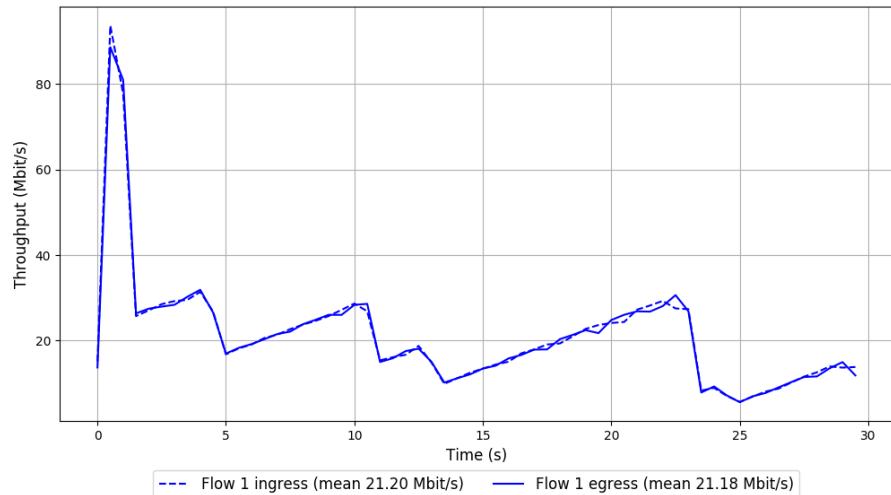


Run 7: Statistics of TCP Vegas

```
Start at: 2017-09-18 00:23:54
End at: 2017-09-18 00:24:24
Local clock offset: 0.467 ms
Remote clock offset: -1.821 ms

# Below is generated by plot.py at 2017-09-18 05:27:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.18 Mbit/s
95th percentile per-packet one-way delay: 37.517 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 21.18 Mbit/s
95th percentile per-packet one-way delay: 37.517 ms
Loss rate: 0.36%
```

### Run 7: Report of TCP Vegas — Data Link

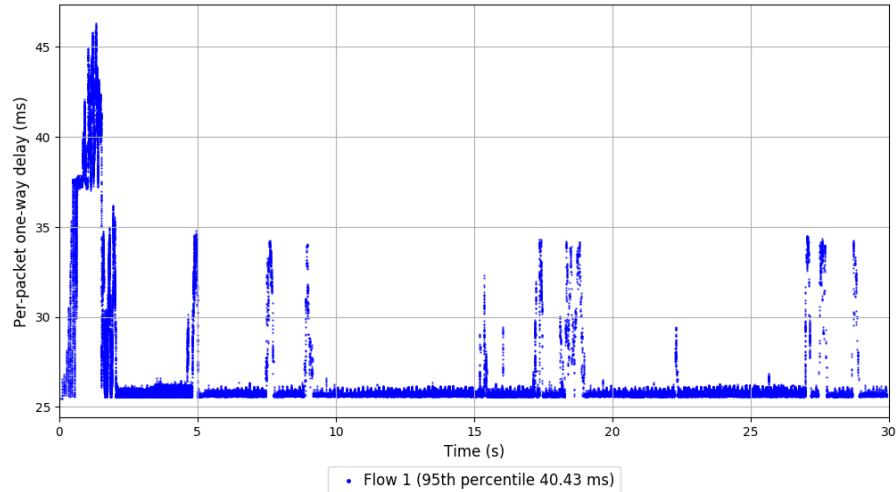
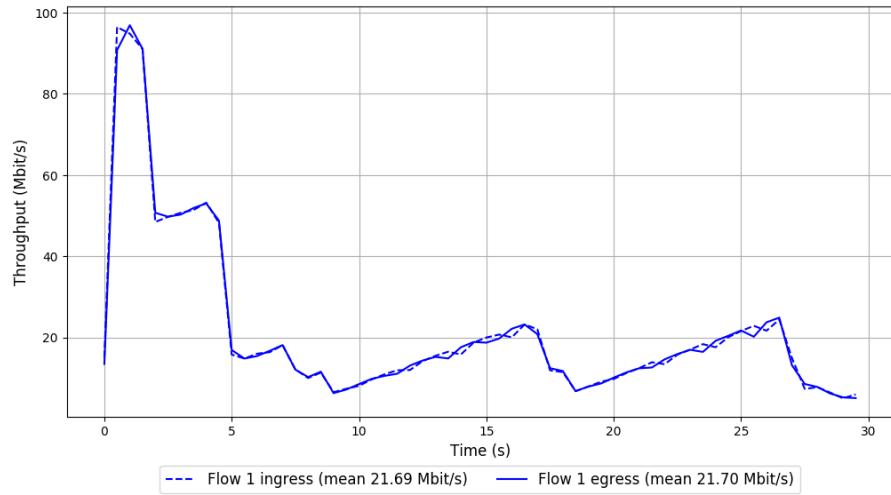


Run 8: Statistics of TCP Vegas

```
Start at: 2017-09-18 00:44:08
End at: 2017-09-18 00:44:38
Local clock offset: 0.796 ms
Remote clock offset: -2.19 ms

# Below is generated by plot.py at 2017-09-18 05:27:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.70 Mbit/s
95th percentile per-packet one-way delay: 40.434 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 21.70 Mbit/s
95th percentile per-packet one-way delay: 40.434 ms
Loss rate: 0.23%
```

Run 8: Report of TCP Vegas — Data Link

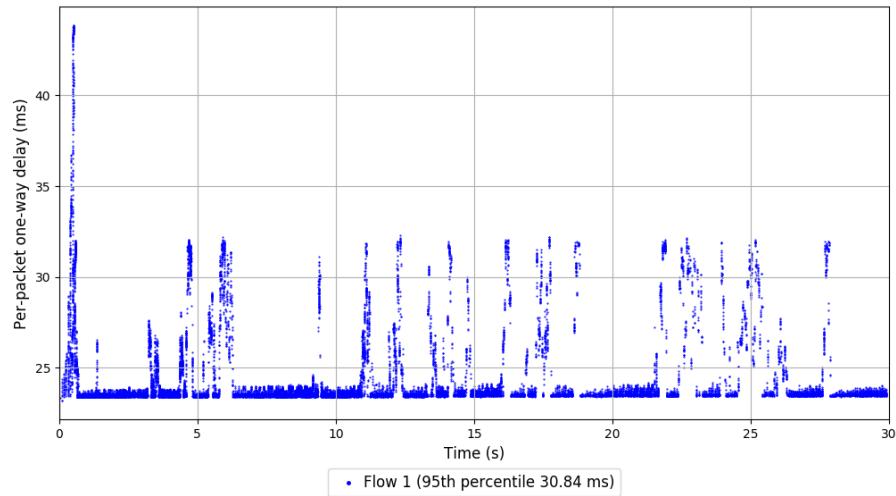
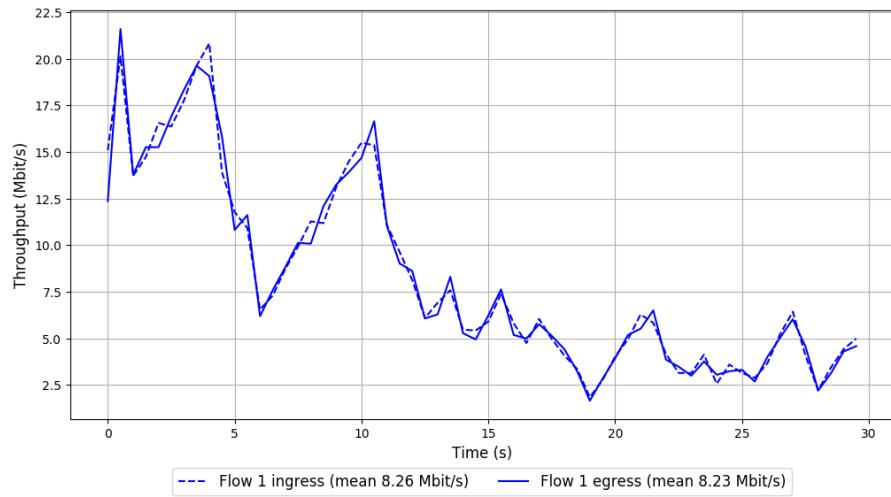


Run 9: Statistics of TCP Vegas

```
Start at: 2017-09-18 01:04:52
End at: 2017-09-18 01:05:22
Local clock offset: 0.838 ms
Remote clock offset: -0.103 ms

# Below is generated by plot.py at 2017-09-18 05:27:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.23 Mbit/s
95th percentile per-packet one-way delay: 30.835 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 8.23 Mbit/s
95th percentile per-packet one-way delay: 30.835 ms
Loss rate: 0.52%
```

Run 9: Report of TCP Vegas — Data Link

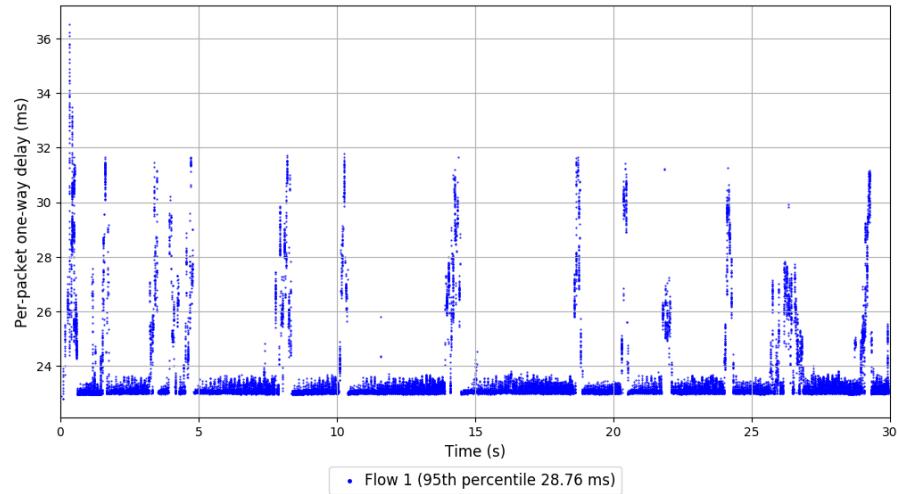
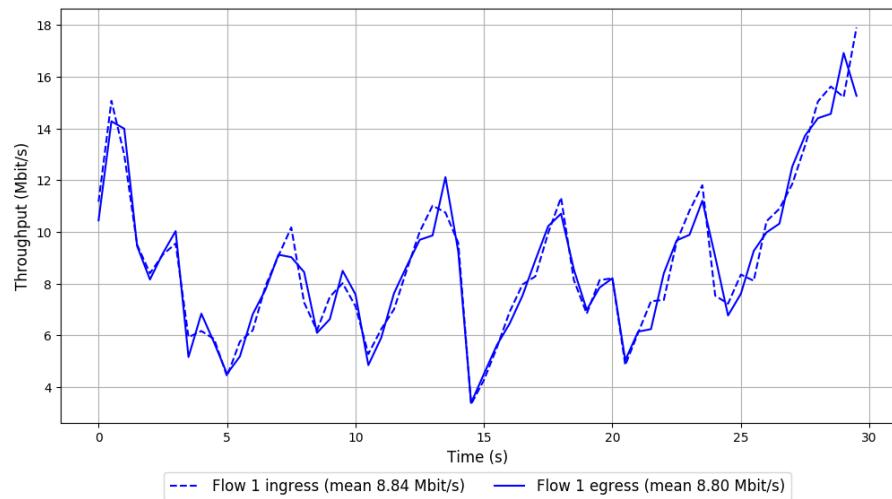


Run 10: Statistics of TCP Vegas

```
Start at: 2017-09-18 01:25:13
End at: 2017-09-18 01:25:43
Local clock offset: 0.444 ms
Remote clock offset: 0.328 ms

# Below is generated by plot.py at 2017-09-18 05:27:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.80 Mbit/s
95th percentile per-packet one-way delay: 28.756 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 8.80 Mbit/s
95th percentile per-packet one-way delay: 28.756 ms
Loss rate: 0.62%
```

Run 10: Report of TCP Vegas — Data Link

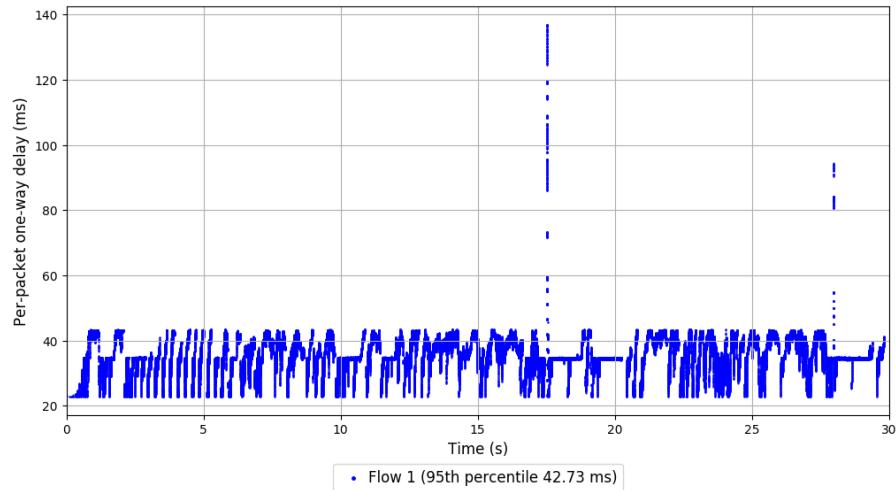
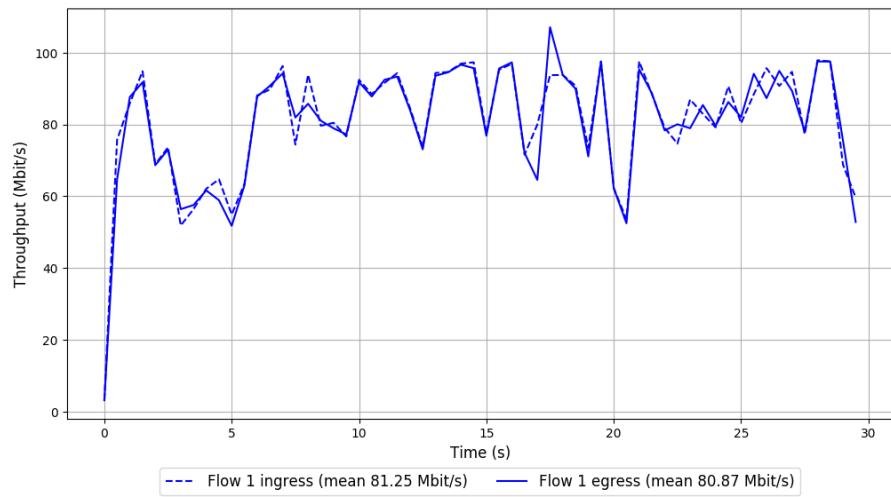


Run 1: Statistics of Verus

```
Start at: 2017-09-17 22:18:53
End at: 2017-09-17 22:19:23
Local clock offset: -5.407 ms
Remote clock offset: -0.059 ms

# Below is generated by plot.py at 2017-09-18 05:27:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.87 Mbit/s
95th percentile per-packet one-way delay: 42.733 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 80.87 Mbit/s
95th percentile per-packet one-way delay: 42.733 ms
Loss rate: 0.79%
```

Run 1: Report of Verus — Data Link

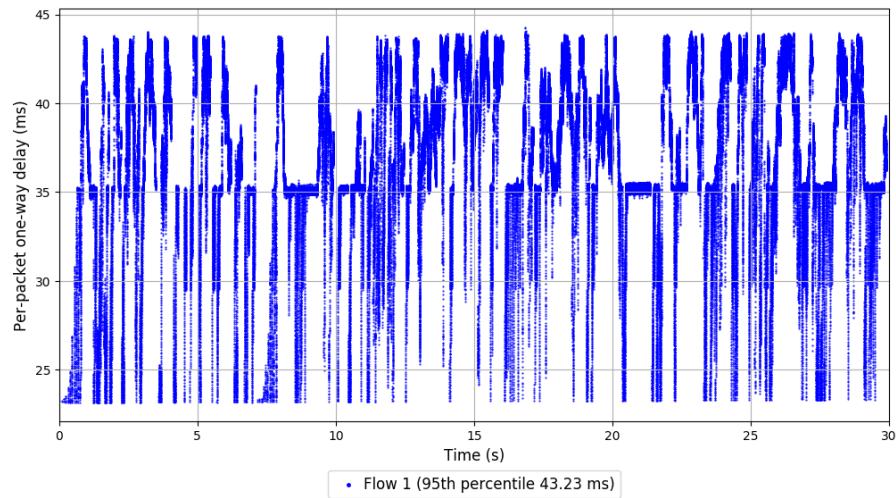
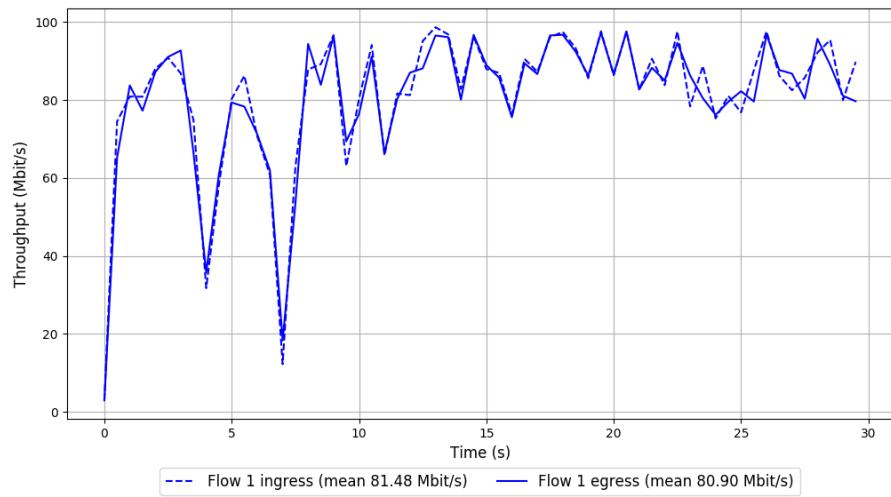


Run 2: Statistics of Verus

```
Start at: 2017-09-17 22:39:33
End at: 2017-09-17 22:40:03
Local clock offset: -7.299 ms
Remote clock offset: 0.279 ms

# Below is generated by plot.py at 2017-09-18 05:27:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.90 Mbit/s
95th percentile per-packet one-way delay: 43.234 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 80.90 Mbit/s
95th percentile per-packet one-way delay: 43.234 ms
Loss rate: 0.96%
```

Run 2: Report of Verus — Data Link

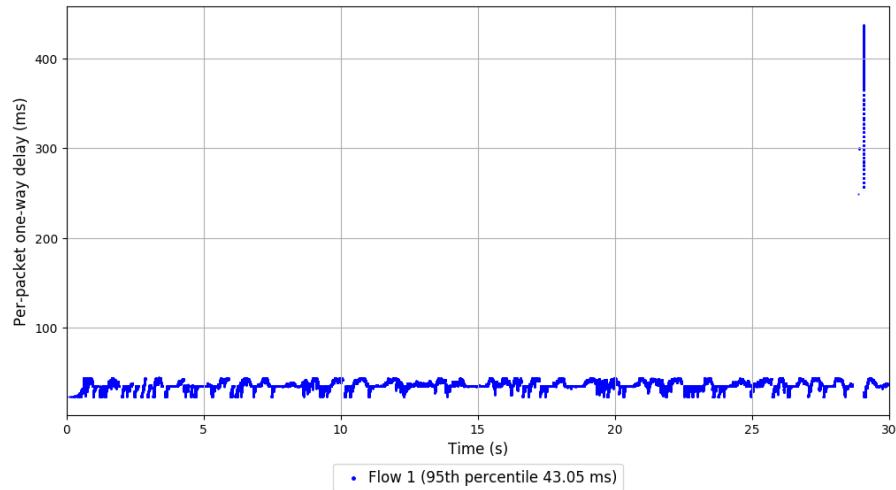
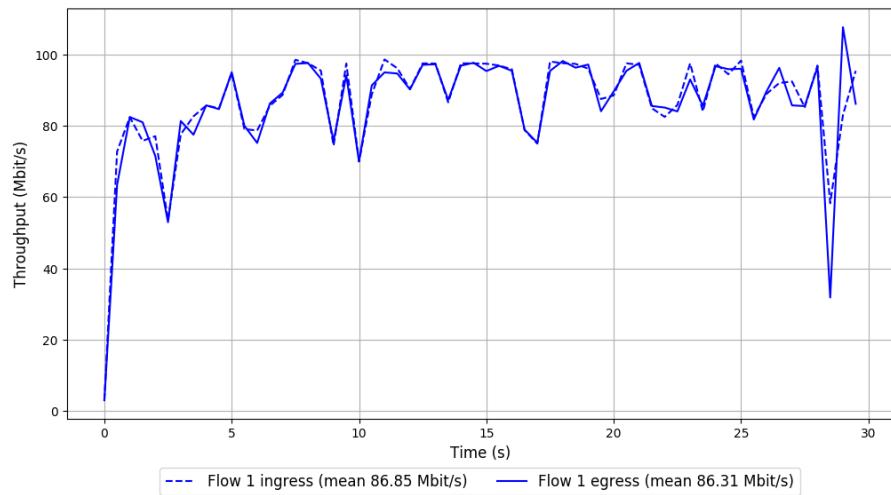


Run 3: Statistics of Verus

```
Start at: 2017-09-17 23:00:06
End at: 2017-09-17 23:00:36
Local clock offset: -1.505 ms
Remote clock offset: 0.458 ms

# Below is generated by plot.py at 2017-09-18 05:27:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.31 Mbit/s
95th percentile per-packet one-way delay: 43.055 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 86.31 Mbit/s
95th percentile per-packet one-way delay: 43.055 ms
Loss rate: 0.88%
```

### Run 3: Report of Verus — Data Link

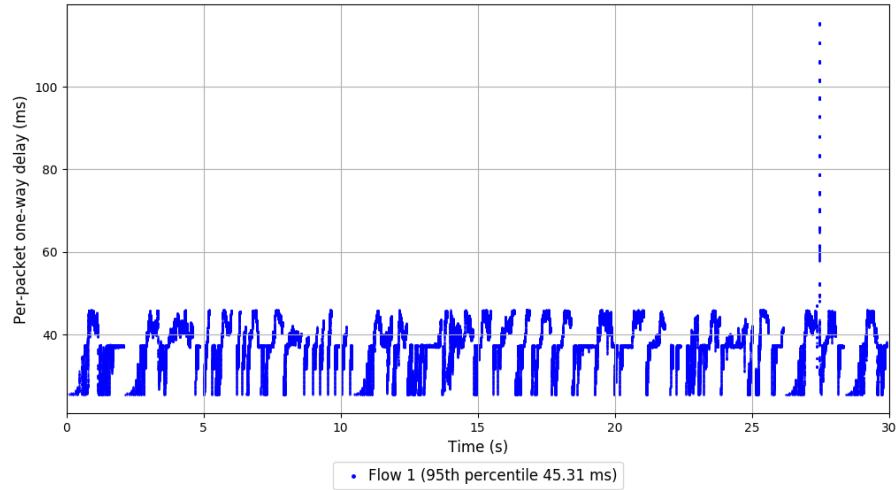
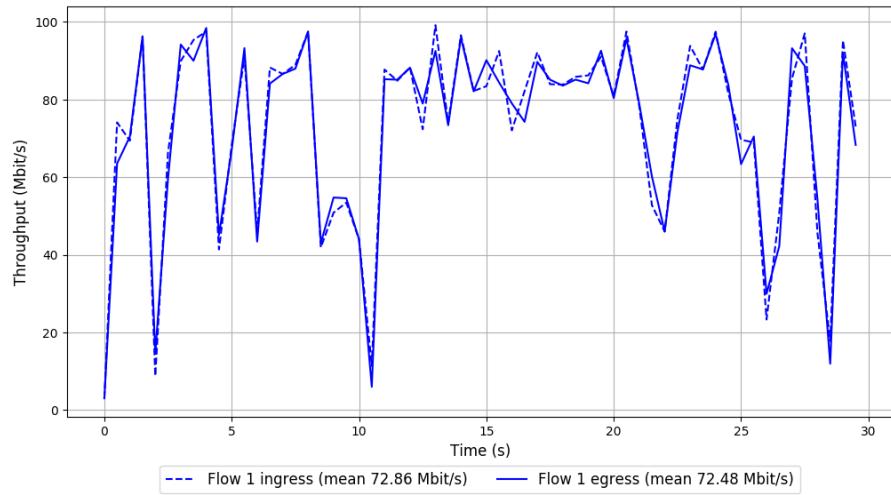


Run 4: Statistics of Verus

```
Start at: 2017-09-17 23:20:51
End at: 2017-09-17 23:21:21
Local clock offset: 0.279 ms
Remote clock offset: -1.459 ms

# Below is generated by plot.py at 2017-09-18 05:27:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.48 Mbit/s
95th percentile per-packet one-way delay: 45.315 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 72.48 Mbit/s
95th percentile per-packet one-way delay: 45.315 ms
Loss rate: 0.81%
```

### Run 4: Report of Verus — Data Link

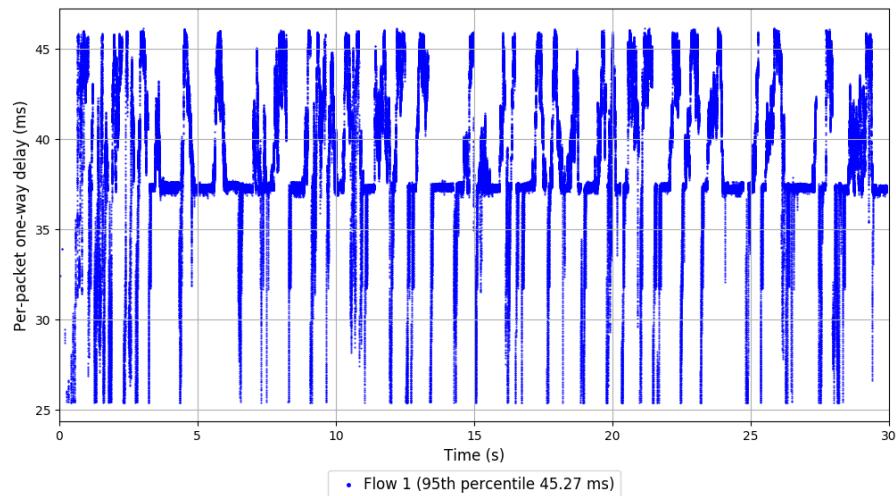
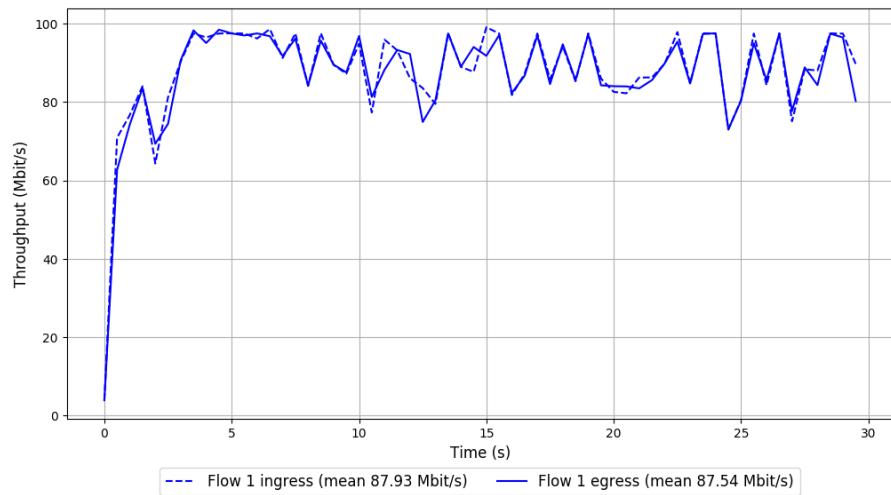


Run 5: Statistics of Verus

```
Start at: 2017-09-17 23:41:37
End at: 2017-09-17 23:42:07
Local clock offset: 0.61 ms
Remote clock offset: -1.448 ms

# Below is generated by plot.py at 2017-09-18 05:27:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.54 Mbit/s
95th percentile per-packet one-way delay: 45.267 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 87.54 Mbit/s
95th percentile per-packet one-way delay: 45.267 ms
Loss rate: 0.72%
```

Run 5: Report of Verus — Data Link

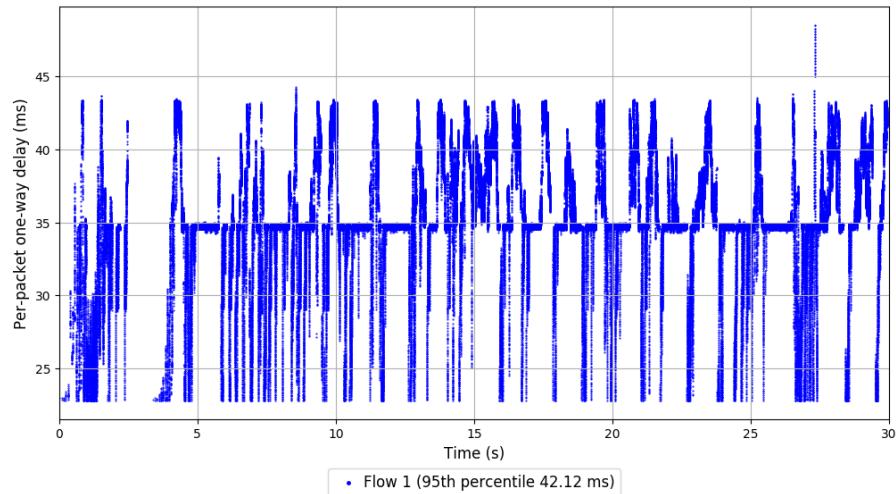
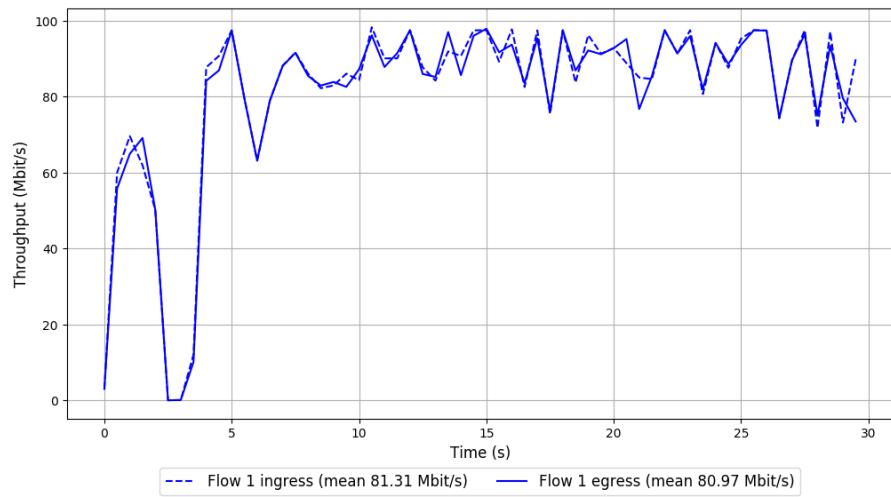


Run 6: Statistics of Verus

```
Start at: 2017-09-18 00:02:07
End at: 2017-09-18 00:02:37
Local clock offset: 0.481 ms
Remote clock offset: 1.079 ms

# Below is generated by plot.py at 2017-09-18 05:27:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.97 Mbit/s
95th percentile per-packet one-way delay: 42.123 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 80.97 Mbit/s
95th percentile per-packet one-way delay: 42.123 ms
Loss rate: 0.66%
```

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2017-09-18 00:22:24

End at: 2017-09-18 00:22:54

Local clock offset: 0.587 ms

Remote clock offset: 0.779 ms

# Below is generated by plot.py at 2017-09-18 05:27:46

# Datalink statistics

-- Total of 1 flow:

Average throughput: 82.49 Mbit/s

95th percentile per-packet one-way delay: 41.755 ms

Loss rate: 0.43%

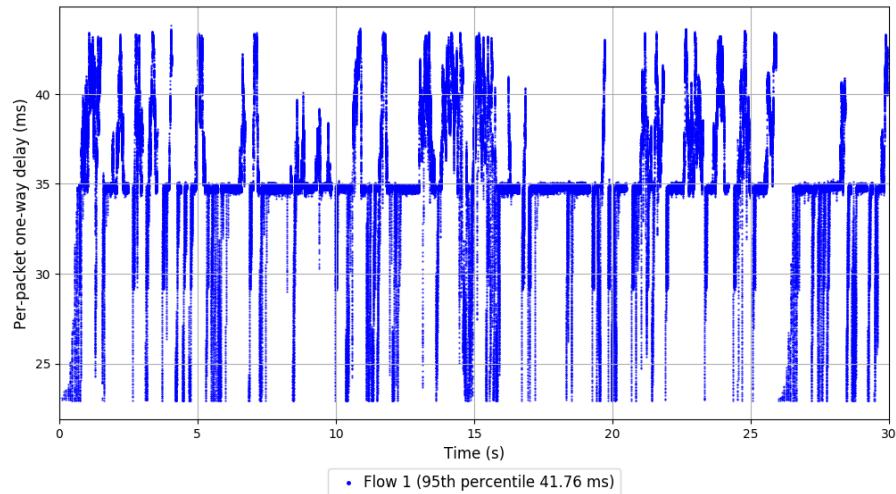
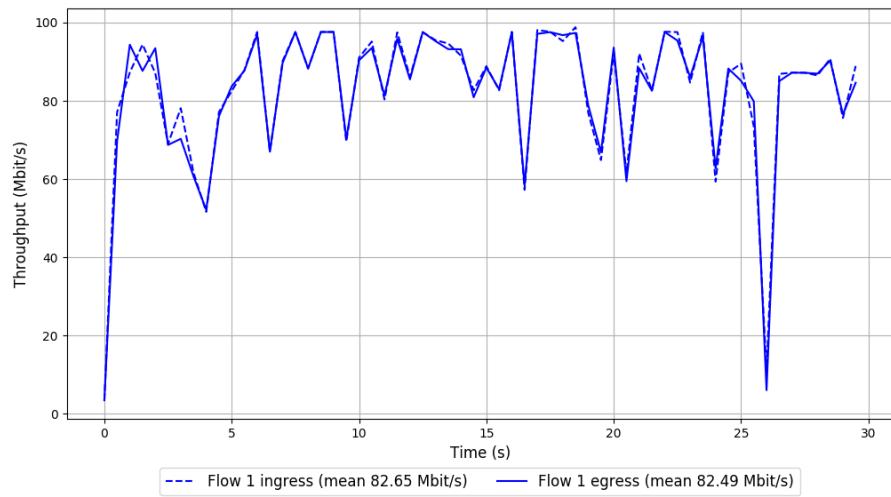
-- Flow 1:

Average throughput: 82.49 Mbit/s

95th percentile per-packet one-way delay: 41.755 ms

Loss rate: 0.43%

Run 7: Report of Verus — Data Link

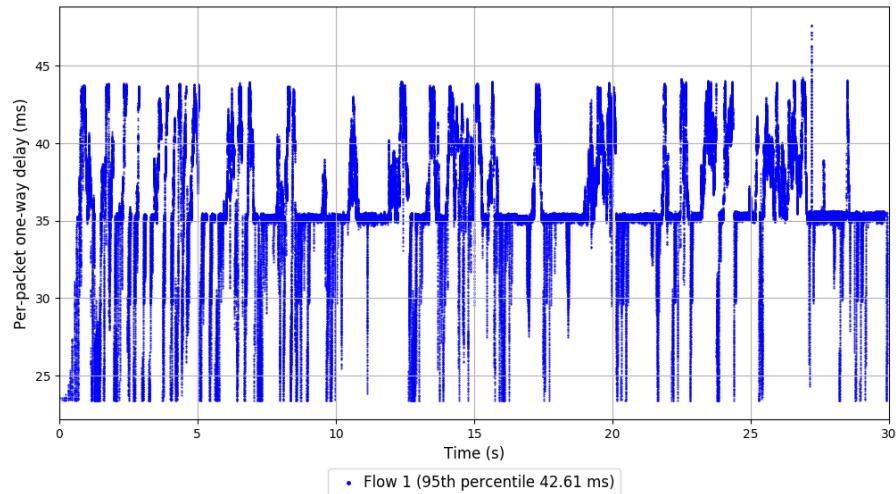
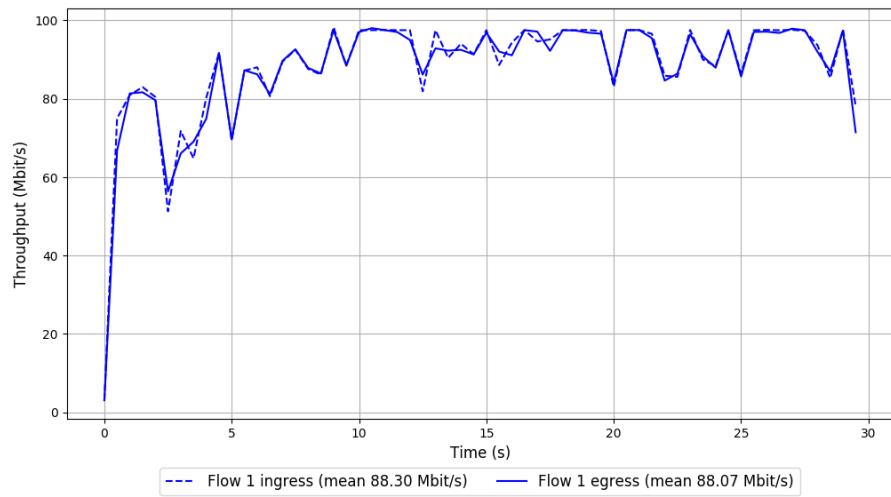


Run 8: Statistics of Verus

```
Start at: 2017-09-18 00:42:43
End at: 2017-09-18 00:43:13
Local clock offset: 0.693 ms
Remote clock offset: -0.037 ms

# Below is generated by plot.py at 2017-09-18 05:27:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.07 Mbit/s
95th percentile per-packet one-way delay: 42.614 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 88.07 Mbit/s
95th percentile per-packet one-way delay: 42.614 ms
Loss rate: 0.53%
```

Run 8: Report of Verus — Data Link

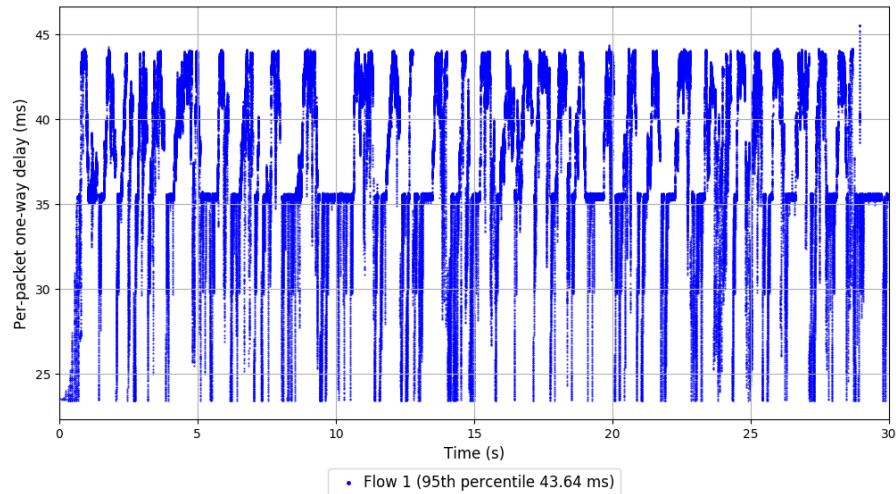
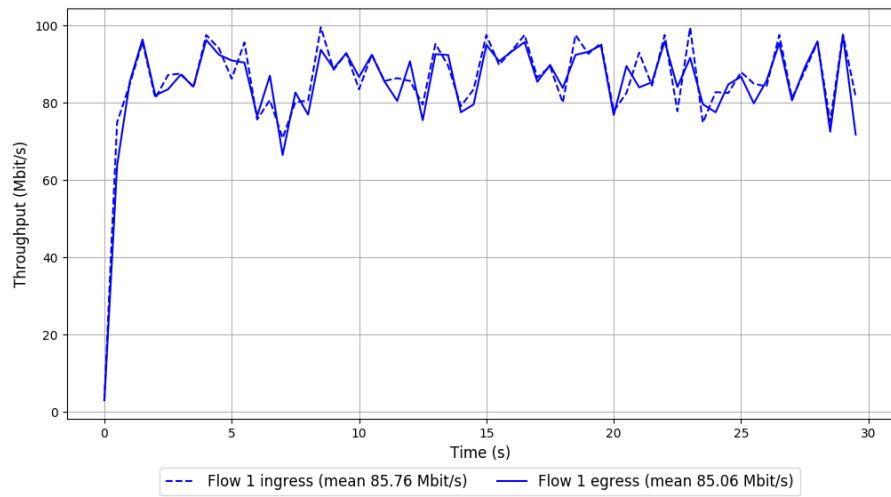


Run 9: Statistics of Verus

```
Start at: 2017-09-18 01:03:21
End at: 2017-09-18 01:03:51
Local clock offset: 0.739 ms
Remote clock offset: -0.248 ms

# Below is generated by plot.py at 2017-09-18 05:27:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.06 Mbit/s
95th percentile per-packet one-way delay: 43.636 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 85.06 Mbit/s
95th percentile per-packet one-way delay: 43.636 ms
Loss rate: 1.08%
```

Run 9: Report of Verus — Data Link

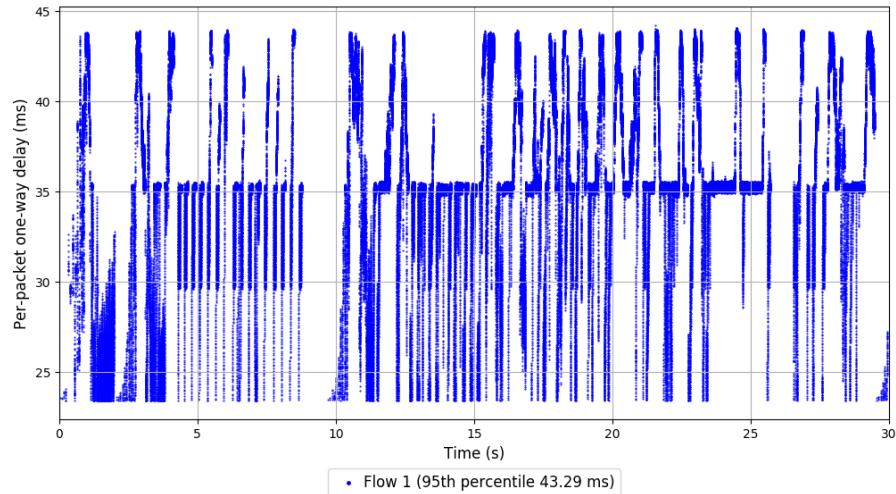
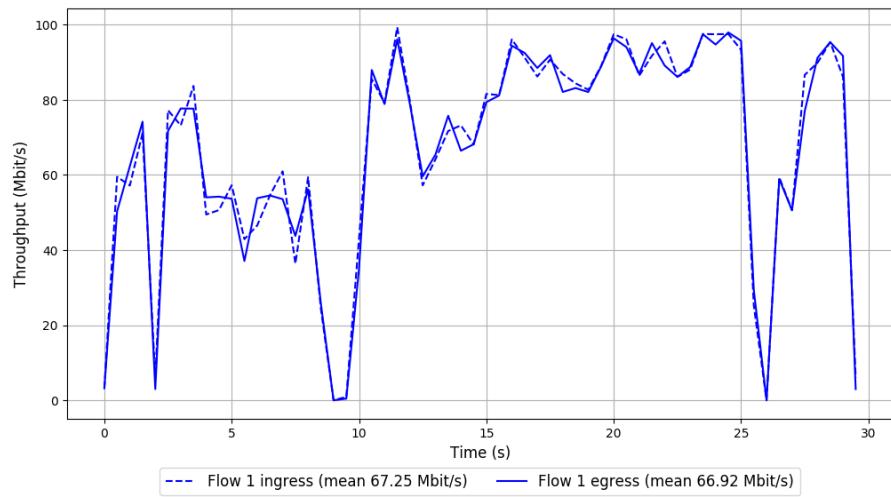


Run 10: Statistics of Verus

```
Start at: 2017-09-18 01:23:48
End at: 2017-09-18 01:24:18
Local clock offset: 0.571 ms
Remote clock offset: -0.041 ms

# Below is generated by plot.py at 2017-09-18 05:27:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.92 Mbit/s
95th percentile per-packet one-way delay: 43.286 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 66.92 Mbit/s
95th percentile per-packet one-way delay: 43.286 ms
Loss rate: 0.73%
```

Run 10: Report of Verus — Data Link

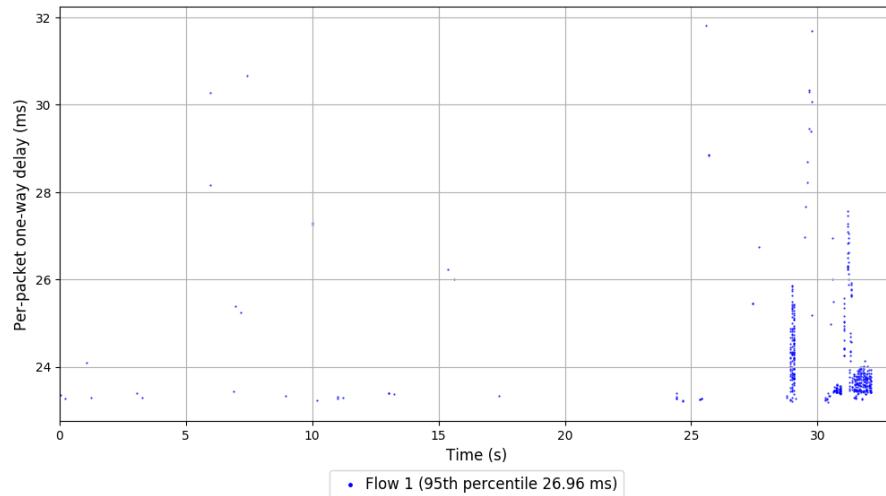
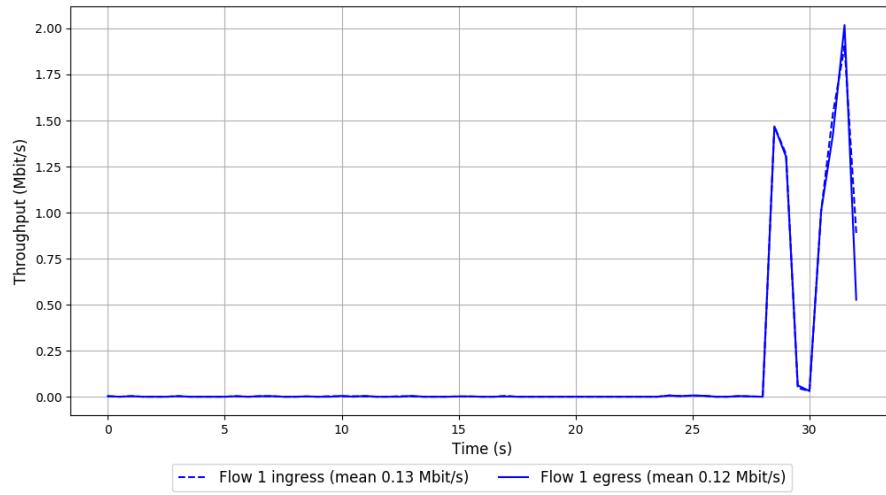


```
Run 1: Statistics of WebRTC media

Start at: 2017-09-17 22:13:01
End at: 2017-09-17 22:13:31
Local clock offset: -5.617 ms
Remote clock offset: -0.716 ms

# Below is generated by plot.py at 2017-09-18 05:27:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 26.963 ms
Loss rate: 4.41%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 26.963 ms
Loss rate: 4.41%
```

Run 1: Report of WebRTC media — Data Link

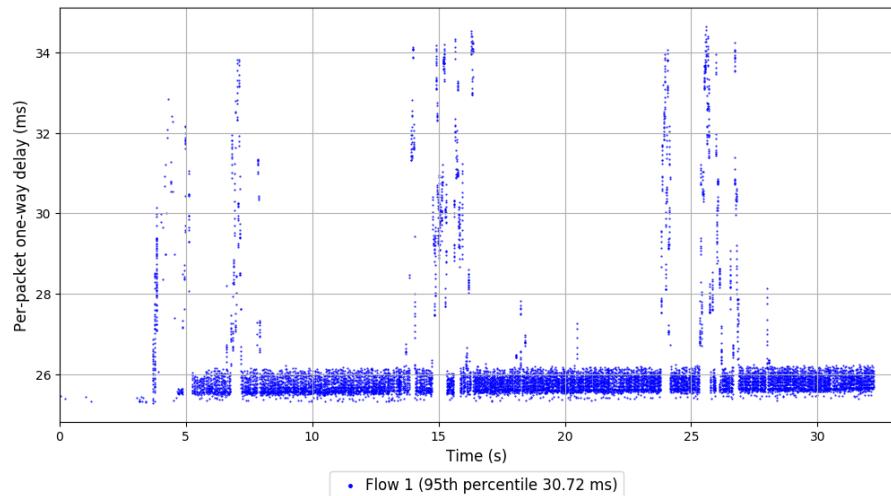
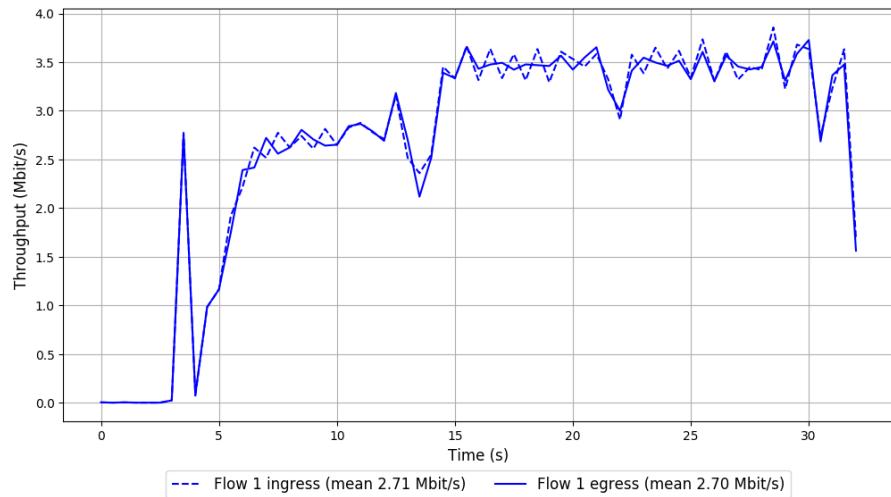


Run 2: Statistics of WebRTC media

```
Start at: 2017-09-17 22:33:55
End at: 2017-09-17 22:34:25
Local clock offset: -5.929 ms
Remote clock offset: -2.312 ms

# Below is generated by plot.py at 2017-09-18 05:27:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.70 Mbit/s
95th percentile per-packet one-way delay: 30.716 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 2.70 Mbit/s
95th percentile per-packet one-way delay: 30.716 ms
Loss rate: 0.45%
```

## Run 2: Report of WebRTC media — Data Link

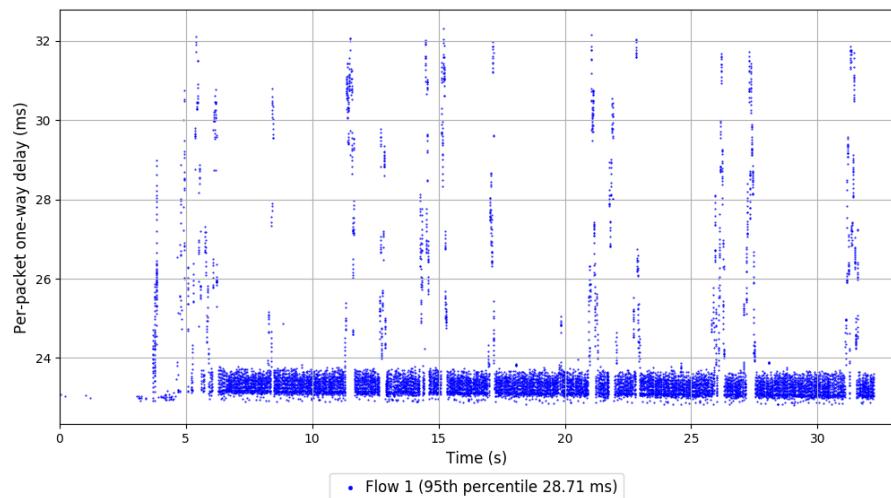
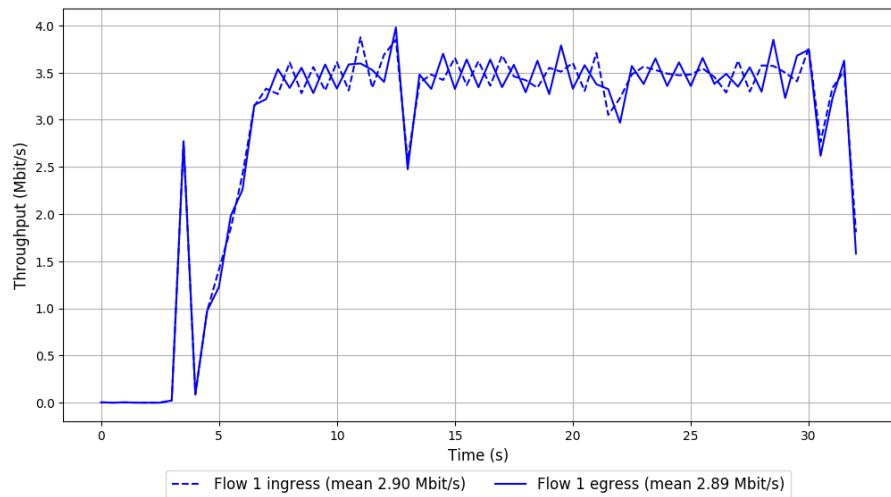


Run 3: Statistics of WebRTC media

```
Start at: 2017-09-17 22:54:44
End at: 2017-09-17 22:55:15
Local clock offset: -4.702 ms
Remote clock offset: 0.359 ms

# Below is generated by plot.py at 2017-09-18 05:27:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.89 Mbit/s
95th percentile per-packet one-way delay: 28.713 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 2.89 Mbit/s
95th percentile per-packet one-way delay: 28.713 ms
Loss rate: 0.47%
```

Run 3: Report of WebRTC media — Data Link

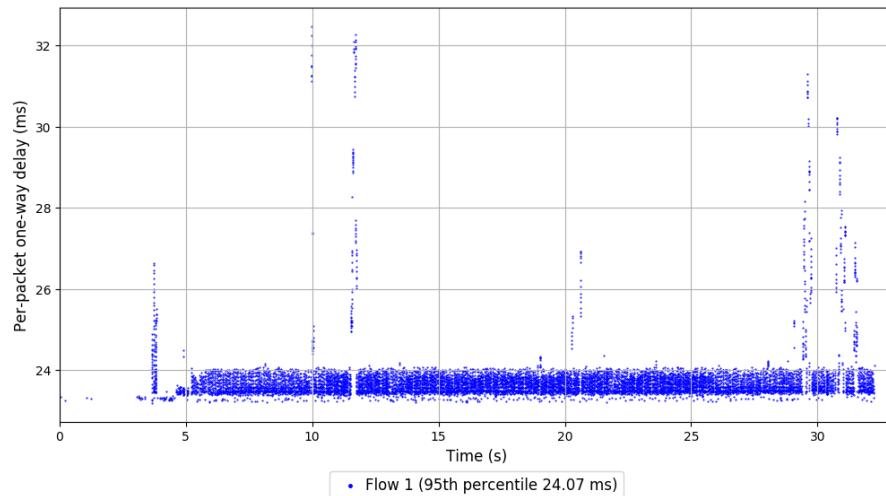
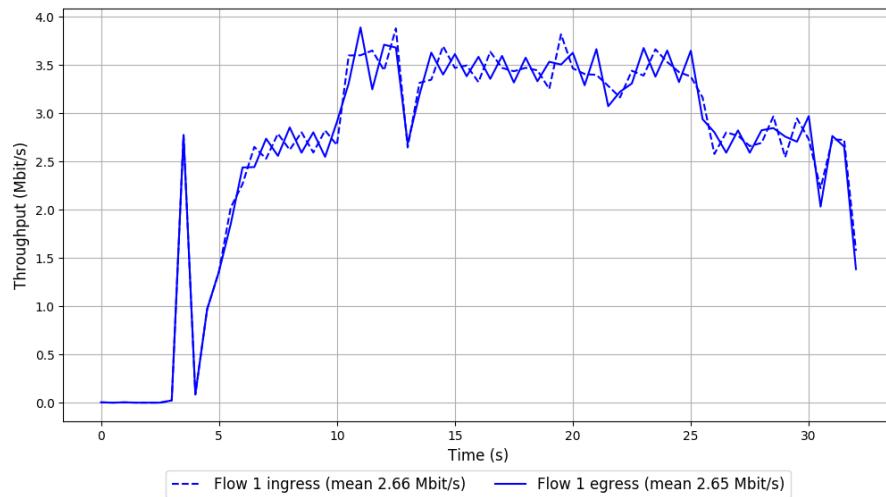


Run 4: Statistics of WebRTC media

```
Start at: 2017-09-17 23:15:00
End at: 2017-09-17 23:15:30
Local clock offset: 0.203 ms
Remote clock offset: 0.496 ms

# Below is generated by plot.py at 2017-09-18 05:27:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.65 Mbit/s
95th percentile per-packet one-way delay: 24.068 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 2.65 Mbit/s
95th percentile per-packet one-way delay: 24.068 ms
Loss rate: 0.34%
```

#### Run 4: Report of WebRTC media — Data Link

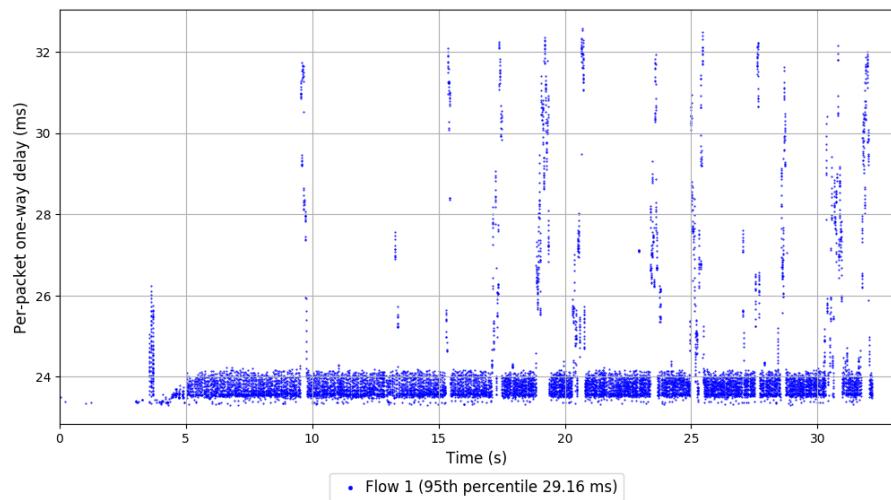
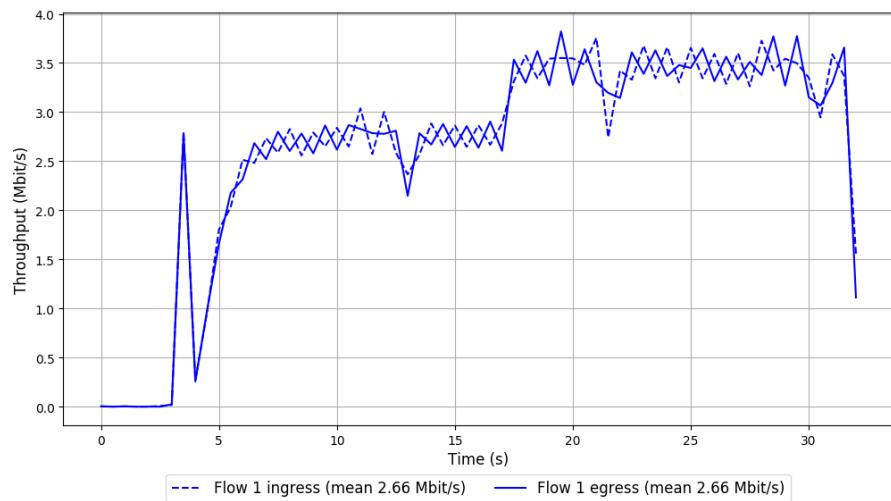


Run 5: Statistics of WebRTC media

```
Start at: 2017-09-17 23:35:50
End at: 2017-09-17 23:36:20
Local clock offset: 0.666 ms
Remote clock offset: 0.541 ms

# Below is generated by plot.py at 2017-09-18 05:27:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.66 Mbit/s
95th percentile per-packet one-way delay: 29.158 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 2.66 Mbit/s
95th percentile per-packet one-way delay: 29.158 ms
Loss rate: 0.43%
```

Run 5: Report of WebRTC media — Data Link

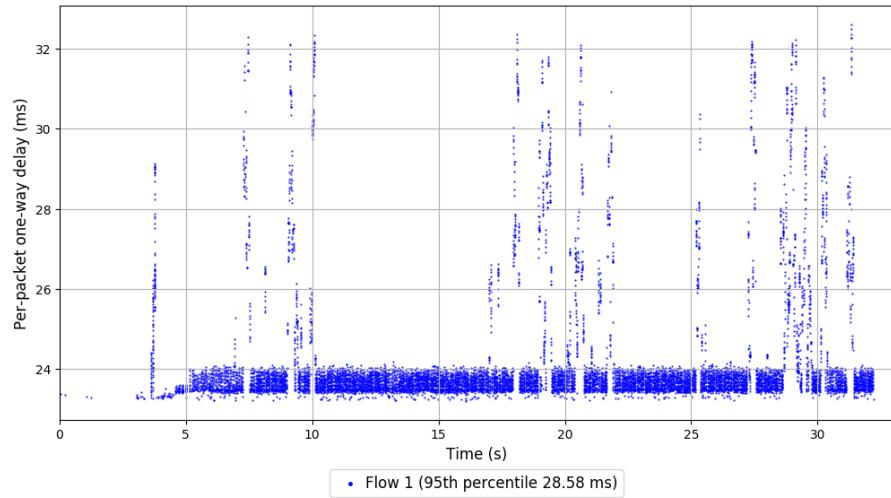
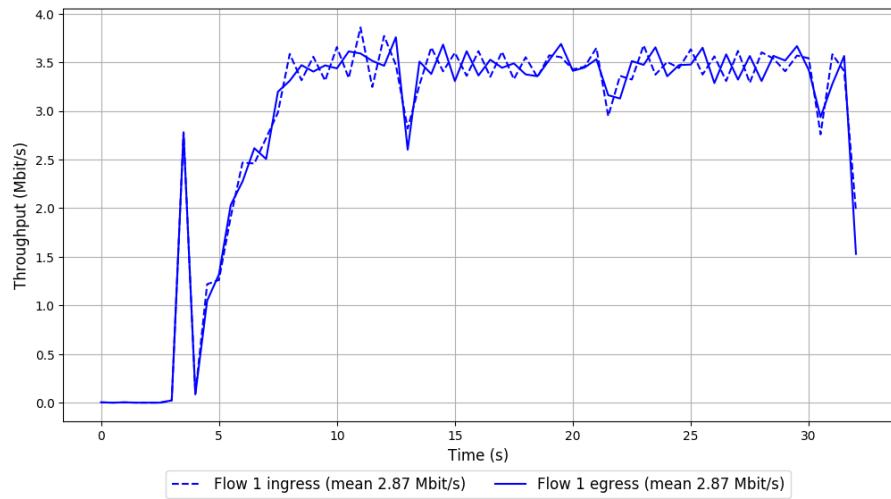


Run 6: Statistics of WebRTC media

```
Start at: 2017-09-17 23:56:32
End at: 2017-09-17 23:57:02
Local clock offset: 0.63 ms
Remote clock offset: 0.571 ms

# Below is generated by plot.py at 2017-09-18 05:27:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.87 Mbit/s
95th percentile per-packet one-way delay: 28.579 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 2.87 Mbit/s
95th percentile per-packet one-way delay: 28.579 ms
Loss rate: 0.42%
```

Run 6: Report of WebRTC media — Data Link

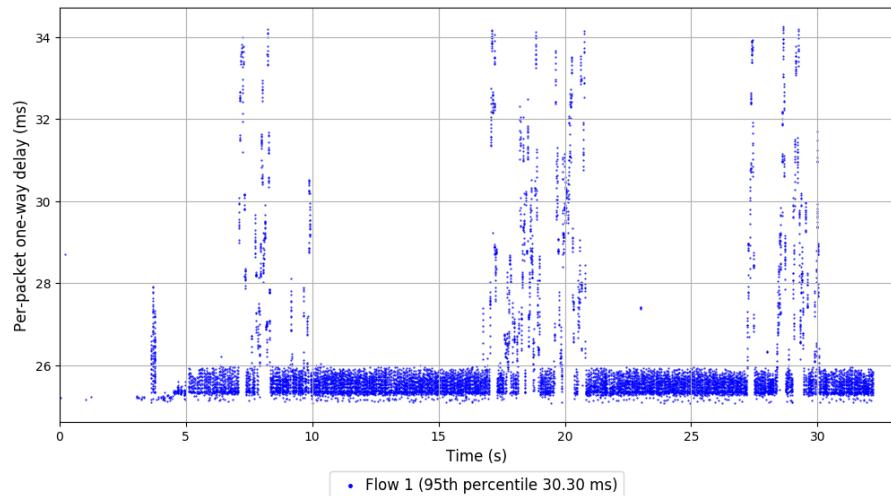
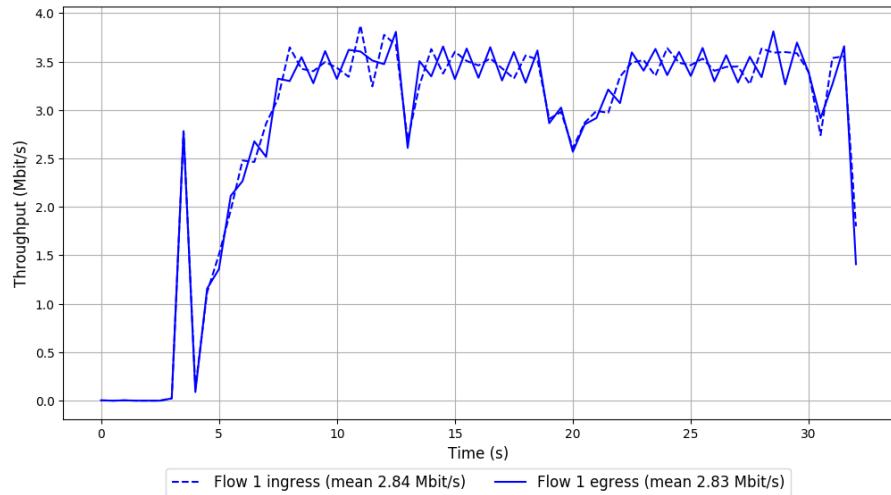


```
Run 7: Statistics of WebRTC media

Start at: 2017-09-18 00:16:52
End at: 2017-09-18 00:17:22
Local clock offset: 0.438 ms
Remote clock offset: -1.673 ms

# Below is generated by plot.py at 2017-09-18 05:27:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.83 Mbit/s
95th percentile per-packet one-way delay: 30.298 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 2.83 Mbit/s
95th percentile per-packet one-way delay: 30.298 ms
Loss rate: 0.57%
```

Run 7: Report of WebRTC media — Data Link

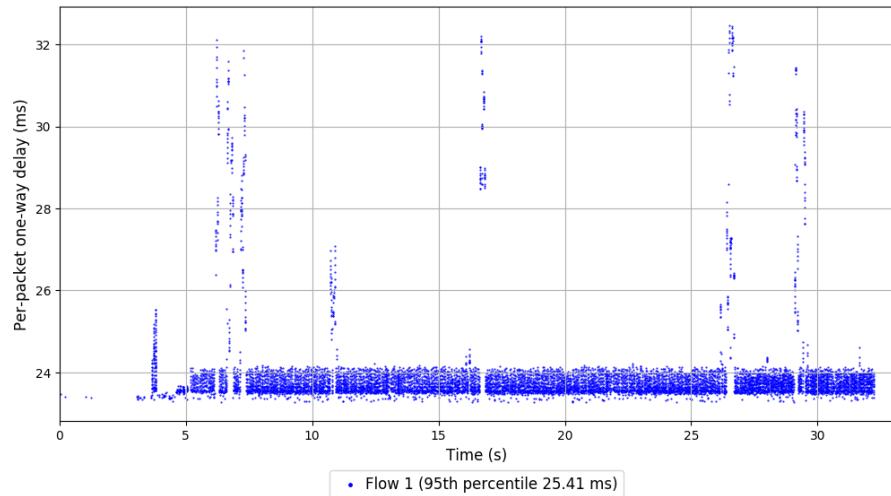
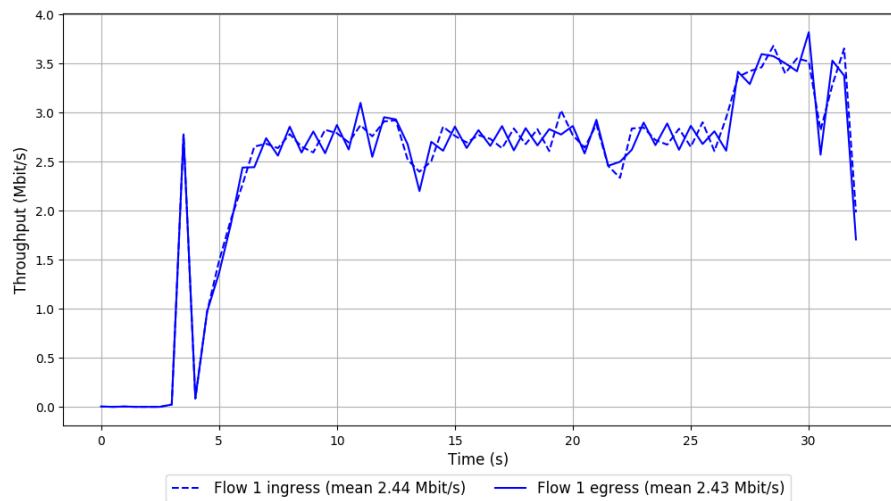


Run 8: Statistics of WebRTC media

```
Start at: 2017-09-18 00:37:05
End at: 2017-09-18 00:37:35
Local clock offset: 0.726 ms
Remote clock offset: -0.056 ms

# Below is generated by plot.py at 2017-09-18 05:27:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 25.406 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 25.406 ms
Loss rate: 0.44%
```

Run 8: Report of WebRTC media — Data Link

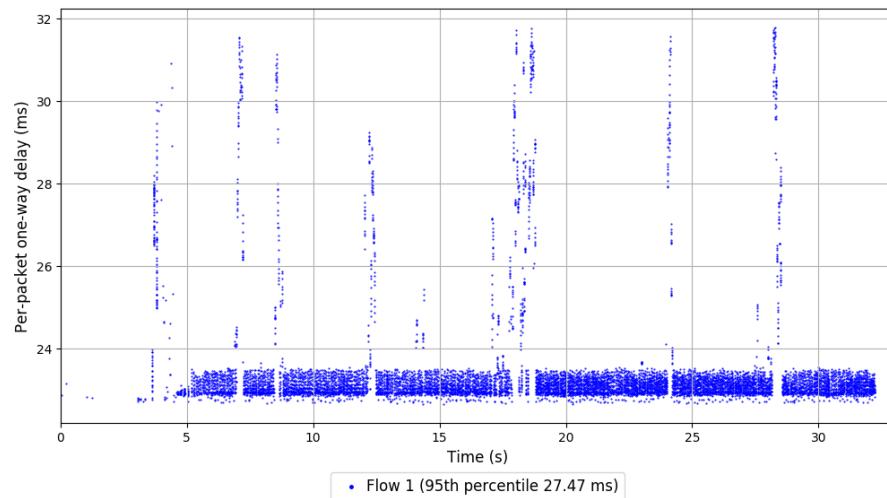
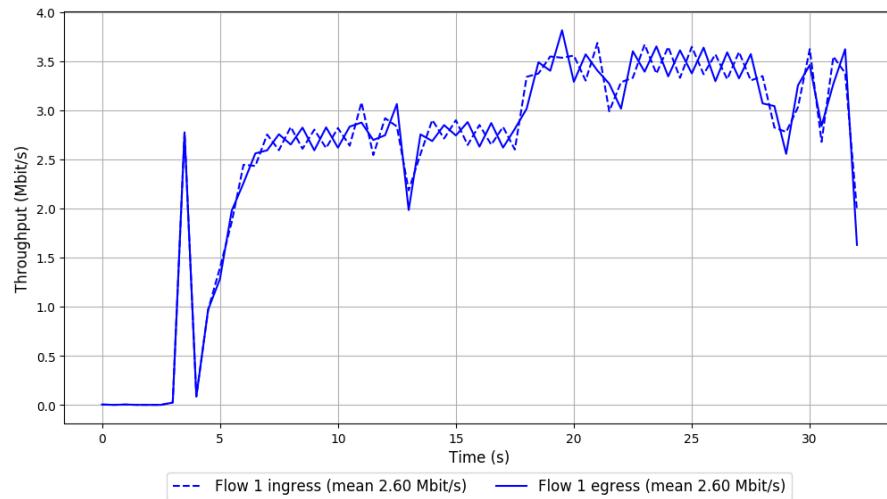


Run 9: Statistics of WebRTC media

```
Start at: 2017-09-18 00:57:29
End at: 2017-09-18 00:57:59
Local clock offset: 0.868 ms
Remote clock offset: 0.399 ms

# Below is generated by plot.py at 2017-09-18 05:27:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.60 Mbit/s
95th percentile per-packet one-way delay: 27.468 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 2.60 Mbit/s
95th percentile per-packet one-way delay: 27.468 ms
Loss rate: 0.34%
```

Run 9: Report of WebRTC media — Data Link



```
Run 10: Statistics of WebRTC media
```

```
Start at: 2017-09-18 01:18:16
End at: 2017-09-18 01:18:46
Local clock offset: 0.689 ms
Remote clock offset: 0.346 ms

# Below is generated by plot.py at 2017-09-18 05:27:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.77 Mbit/s
95th percentile per-packet one-way delay: 28.089 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 2.77 Mbit/s
95th percentile per-packet one-way delay: 28.089 ms
Loss rate: 0.38%
```

Run 10: Report of WebRTC media — Data Link

